STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING  AMENDED REPORT  DIVISION OF OIL, GAS AND MINING									
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Prickly Pear Unit Fed 6A-20D-12-15			
2. TYPE OF WORK  DRILL NEW WELL REENTER P&A WELL DEEPEN WELL					3. FIELD OR WILD	CAT NINE MILE CANYON			
4. TYPE OF WELL Gas We	ell Coalb	ped Methane Well: NO				5. UNIT or COMMU	INITIZATION AGRE	EMENT NAME	
6. NAME OF OPERATOR	BILL BARR	ETT CORP				7. OPERATOR PHO	NE 303 312-8164		
8. ADDRESS OF OPERATOR 1099 18	th Street Ste 23	300, Denver, CO, 80202				9. OPERATOR E-M	AIL ncer@billbarrettcorp.c	com	
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)		11. MINERAL OWNE				12. SURFACE OWN	·		
UTU 73669	15 15	FEDERAL ( IND	OIAN ( ) STATE (	) f	FEE 💮		IDIAN STATE		
13. NAME OF SURFACE OWNER (if box 12	= 'fee')					14. SURFACE OWN	IER PHONE (if box	12 = 'fee')	
15. ADDRESS OF SURFACE OWNER (if box	12 = 'fee')					16. SURFACE OWN	IER E-MAIL (if box	12 = 'fee')	
17. INDIAN ALLOTTEE OR TRIBE NAME		18. INTEND TO COM		ION F	ROM	19. SLANT			
(if box 12 = 'INDIAN')			Commingling Applicat	ion) l	NO 📵	VERTICAL DI	RECTIONAL 📵 H	ORIZONTAL 🔵	
20. LOCATION OF WELL	FC	OOTAGES	QTR-QTR	SI	ECTION	TOWNSHIP	RANGE	MERIDIAN	
LOCATION AT SURFACE	738 FN	NL 2161 FWL	NENW		20	12.0 S	15.0 E	S	
Top of Uppermost Producing Zone 1041 FI		NL 2092 FWL	NENW		20	12.0 S	15.0 E	S	
At Total Depth	1338 FI	NL 2026 FWL	SENW		20	12.0 S	15.0 E	S	
21. COUNTY  CARBON		22. DISTANCE TO N	EAREST LEASE LIN 1338	IE (Fee	t)	23. NUMBER OF A	CRES IN DRILLING	UNIT	
		25. DISTANCE TO N (Applied For Drilling		SAME P	OOL	<b>26. PROPOSED DEPTH</b> MD: 7600 TVD: 7550			
27. ELEVATION - GROUND LEVEL		28. BOND NUMBER				29. SOURCE OF DRILLING WATER /			
7510			WYB000040	WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Nine Mile Creek				IF APPLICABLE	
		A	TTACHMENTS						
VERIFY THE FOLLOWING	ARE ATTACH	IED IN ACCORDAN	CE WITH THE U	тан о	IL AND (	GAS CONSERVAT	ION GENERAL R	ULES	
WELL PLAT OR MAP PREPARED BY	LICENSED SUF	RVEYOR OR ENGINEE	R COM	IPLETE	DRILLING	6 PLAN			
AFFIDAVIT OF STATUS OF SURFACE	OWNER AGRE	EEMENT (IF FEE SURF	ACE) FORI	) FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)				OGRAP	HICAL MA	Р			
NAME Elaine Winick		TITLE Sr. Permit Analy	rst		PHONE 3	303 293-9100			
SIGNATURE		<b>DATE</b> 11/19/2010			<b>EMAIL</b> e	winick@billbarrettcor	p.com		
<b>API NUMBER ASSIGNED</b> 43007501050000		APPROVAL			B	agyill			
					Per	mit Manager			

API Well No: 43007501050000 Received: 11/19/2010

	Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)			
Cond	26	16	0	40			
Pipe	Grade	Length	Weight				
	Unknown	40	65.0				

API Well No: 43007501050000 Received: 11/19/2010

	Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)			
Prod	8.75	4.5	0	7600			
Pipe	Grade	Length	Weight				
	Grade P-110 LT&C	7600	11.6				

API Well No: 43007501050000 Received: 11/19/2010

	Proposed Hole, Casing, and Cement							
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)				
Surf	12.25	9.625	0	1000				
Pipe	Grade	Length	Weight					
	Grade J-55 ST&C	1000	36.0					

# BILL BARRETT CORPORATION Prickly Pear Unit Federal 6A-20D-12-15

DRILLING PROGRAM

NENW, 738' FNL & 2161' FWL Sec 20- T12S-R15E (surface) SENW, 1338' FNL, 2026' FWL, Sec. 20, T12S-R15E (bottom) Carbon County, Utah

# 1-2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

Formation	Depth - MD	Depth - TVD
Green River	Surface	Surface
Wasatch	2860'*	2831**
North Horn	4780'*	4721'*
Dark Canyon	6530'*	6471'*
Price River	6740**	6681'*
TD	7600'*	7550'*

**PROSPECTIVE PAY:** \*Members of the Mesaverde formation and Wasatch formation (inclusive of the North Horn) are primary objectives for oil/gas. Any shallow water zones encountered will be adequately protected and reported. All potentially productive hydrocarbon zones will be cemented off.

### 3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment				
0 – 1000'	No pressure control required				
1000' – TD	11" 3000# Ram Type BOP				
	11" 3000# Annular BOP				
- Drilling spool to a	- Drilling spool to accommodate choke and kill lines;				
- Ancillary equipme	- Ancillary equipment and choke manifold rated at 3,000#. All BOP and BOPE tests will be in				
accordance with the requirements of onshore Order No. 2;					
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in					
advance of all BOP pressure tests.					
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up					
to operate most ef	ficiently in this manner.				

Bill Barrett Corporation Drilling Program Prickly Pear Unit Federal #6A-20D-12-15 Carbon County, Utah

### 4. Casing Program

Hole Size	Setting	Depth	Casing	Casing	Casing	Thread	Condition
	From	To	Size	Weight	Grade		
26"	Surface	40'	16"	65#			
12 1/4"	Surface	1000'	9 5/8"	36#	Jor K 55	ST&C	New
8 3/4" and	Surface	7600'	5 1/2"	17.0#	P-110	LT&C	New
7 7/8"			4 ½"	11.6#	P-110	LT&C	New

Note: BBC will use one of the options of production casing size noted above. In addition, the 7 7/8" hole size will begin at the point the bit is changed.

## 5. Cementing Program

16" Conductor Casing	Grout cement
9 5/8" Surface Casing	Lead with approximately 170 sx Varicem cement + additives mixed at 12.0 ppg (yield = 2.53 ft <sup>3</sup> /sx).
	Tail with approximately and 190 sx Halcem cement with additives mixed at 15.8 ppg (yield = $1.16 \text{ ft}^3/\text{sx}$ ) circulated to surface with 100% excess.
5 ½" Production Casing	Lead with approximately 320 sx (4 ½" csg) or 260 sx (5 ½" csg) of Halliburton Light Premium cement with additives
OR	mixed at 12.5 ppg (yield = $1.96 \text{ ft}^3/\text{sx}$ ).
4 ½" Production Casing	Tail with approximately 1250 sx (4 ½" csg) or 1030 sx (5 ½" csg) of 50/50 Poz cement + additives mixed at 13.4 ppg (yield = 1.45 ft <sup>3</sup> /sk), circulated to ~800' with 15% excess.
Note: Actual volumes to be calcul	ated from caliper log.

### 6. Mud Program

Interval	Weight	Viscosity	Fluid Loss (API filtrate)	<u>Remarks</u>
0 – 40'	8.3 – 8.6	27 – 40		Native Spud Mud
40' - 1000'	8.3 - 8.6	27 – 40	15 cc or less	Native/Gel/Lime
1000' – TD	8.6 – 9.5	38 – 46	15 cc or less	LSND/DAP

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.

### 7. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	Run every 1000' and on trips, slope only;
Logging	DIL-GR-SP, FDC-CNL-GR-CAL-Pe-Microlog, Sonic-GR, all TD to surface.

Bill Barrett Corporation
Drilling Program
Prickly Pear Unit Federal #6A-20D-12-15
Carbon County, Utah

### 8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3730 psi\* and maximum anticipated surface pressure equals approximately 2069 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

\*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

\*\*Maximum surface pressure =  $A - (0.22 \times TD)$ 

### 9. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

### 10. Drilling Schedule

Location Construction:

August 1, 2011

Spud:

August 15, 2011

Duration:

10 days drilling time 30 days completion time

# APIWellNo:43007501050000

### Other -Onshore Variances Requested

### Use of EFM and Flow Conditioner (Onshore Order No. 5)

Use of an electronic flow meter (EFM) for gas measurement purposes is requested with this application.

Use of a flow conditioner is also being requested (versus straightening vanes). Flow conditioners have been proven to be as or more effective than straightening vanes in conditioning gas for measurement. In addition to their superior conditioning properties, they take up less space (shorter meter runs/smaller footprint), and are less prone to corrosion and dislodging (greater reliability). In the past BBC has experienced straightening vanes becoming dislodged in normal service and compromising their conditioning effectiveness.

Make/Model: CPA 50E

Dimensions: 2" or 3" Flanged conditioners - 16" minimum up to 3 1/2' long x 2" (ID 2.067) OR 24" minimum up to 3 1/2' long x 3" (ID 3.068)

### Air Drilling (Onshore Order No. 2)

Air drilling operations will be conducted with the purpose of drilling and setting surface casing with a truck mounted air rig, for all Federal wells located at this pad. Surface casing is approximately 1000'. Bill Barrett Corporation with comply with the following surface air drilling operation requirements:

- 1. Properly lubricated and maintained diverter system in place of a rotating head. The diverter system forces air and cutting returns to the cuttings pit and is used solely to drill the surface hole. In addition, BBC will use a properly lubricated and maintained rotating head in compliance with OOG No. 2.
- 2. The Blooie line will discharge at least 100 feet from the wellbore and will be securely anchored.
- 3. An automatic igniter or continuous pilot light will be installed at the end of the blooie line.
- 4. Compressors that supply energy to drill the air filled surface hole will be located 100' away from the wellbore and on the opposite side of the blooie line. The compressors will be equipped with 1) emergency kill switch, 2) pressure relief valves 3) spark arresters on the motors.

# APIWellNo:43007501050000'

## PRESSURE CONTROL EQUIPMENT - Schematic Attached

- A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:
  - 1. One (1) blind ram (above).
  - 2. One (1) pipe ram (below).
  - 3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
  - 4. 3-inch diameter choke linc.
  - 5. Two (2) choke line valves (3-inch minimum).
  - 6. Kill line (2-inch minimum).
  - 7. Two (2) chokes.
  - 8. Two (2) kill line valves, one of which shall be a check valve (2-inch minimum).
  - 9. Upper kelly cock valve with handles available.
  - 10. Safety valve(s) & subs to fit all drill string connections in use.
  - 11. Pressure gauge on choke manifold.
  - 12. Fill-up line above the uppermost preventer.
- B. Pressure Rating: 3,000 psi
- C. Testing Procedure:

### Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

### Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yieldstrength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirmentsof the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

# D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

### E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the Onshore Oil & Gas Order Number 2.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

APIWellNo:43007501050000'

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

### F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of Onshore Oil & Gas Order Number 2. The choke manifold will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

# NINE MILE CEMENT VOLUMES

Well Name: Prickly Pear Unit Federal 6A-20D-12-15

### Surface Hole Data:

Total Depth:	1,000
Top of Cement:	0,
OD of Hole:	12.250"
OD of Casing:	9.625"

### Calculated Data:

Lead Volume:	203.6	ft°
Lead Fill:	650'	
Tail Volume:	109.6	ft <sup>3</sup>
Tail Fill:	350'	

### Cement Data:

<b>Lead</b> Yield:	2.53	ft³/sk
Tail Yield:	1.16	ft <sup>3</sup> /sk
% Excess:	100%	

### Calculated # of Sacks:

170
190

### **Production Hole Data:**

T <mark>otal Depth:</mark>	7,600
Top of Cement:	800'
OD of Hole:	8.750"
OD of Casing:	4.500"

### Calculated Data:

Lead Volume:	522.1	ft°
Lead Fill:	1,700'	
Tail Volume:	1566.4	ft <sup>3</sup>
<b>Tail</b> Fill:	5,100'	

### Cement Data:

<b>Lead</b> Yield:	1.91	ft³/sk
Tail Yield:	1.45	ft <sup>3</sup> /sk
% Excess:	15%	

### Calculated # of Sacks:

# SK's Lead:	320
# SK's Tail:	1250

Prickly Pear Unit Federal 6A-20D-12-15 Proposed Cementing Program

Job Recommendation		Su	rface Casing
Lead Cement - (650' - 0')			
Varicem ™ Cement	Fluid Weight:	12	lbm/gal
0.25 lbm/sk Poly-E-Flake	Slurry Yield:	2.53	ft <sup>3</sup> /sk
	Total Mixing Fluid:	14.82	Gal/sk
	Top of Fluid:	0'	
	Calculated Fill:	650'	
	Volume:	36.25	bbl
	Proposed Sacks:	170	sks
Tail Cement - (1000' - 650')			
Halcem ™ System	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.16	ft <sup>3</sup> /sk
	Total Mixing Fluid:	4.98	Gal/sk
	Top of Fluid:	650'	
	Calculated Fill:	350'	
	Volume:	19.52	bbl
	Proposed Sacks:	190	sks

b Recommendation		Produc	tion Casi
Lead Cement - (800' - 2500')			
Halliburton Light Premium	Fluid Weight:	12.5	lbm/gal
0.3% Versaset	Slurry Yield:	1.91	ft <sup>3</sup> /sk
0.3% Super CBL	Total Mixing Fluid:	10.48	Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid:	800'	
0.25% Fe-2	Calculated Fill:	1,700'	
0.2% Econolite	Volume:	92.99	bbl
	Proposed Sacks:	320	sks
Tail Cement - (2500' - 7600')			
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
3.0 % KCL	Slurry Yield:	1.45	ft <sup>3</sup> /sk
0.75% Halad®-322	Total Mixing Fluid:		Gal/sk
0.2% FWCA	Top of Fluid:	2,500'	
0.3% Super CBL	Calculated Fill:	5,100'	
0.125 lbm/sk Poly-E-Flake	Volume:	278.96	bbl
1.0 lbm/sk Granulite TR 1/4	Proposed Sacks:	1250	ake

# **NINE MILE CEMENT VOLUMES**

Well Name: Prickly Pear Unit Federal 6A-20D-12-15

### Surface Hole Data:

Total Depth:	1,000
Top of Cement:	0,
OD of Hole:	12.250"
OD of Casing:	9.625"

### Calculated Data:

<b>Le</b> ad Volume:	203.6	ft <sup>3</sup>
Lead Fill:	650'	
<b>T</b> ail Volume:	109.6	ft°
<b>Tail</b> Fill:	350'	

### Cement Data:

Lead Yield:	2.53	ft³/sk
Tail Yield:	1.16	ft <sup>3</sup> /sk
% Excess:	100%	

## Calculated # of Sacks:

# SK's Lead:	170
# SK's Tail:	190

### Production Hole Data:

Total Depth:	7,600'
Top of Cement:	800'
OD of Hole:	8.750"
OD of Casing:	5.500"

### Calculated Data:

<b>Le</b> ad Volume:	429.4	ft <sup>3</sup>
Lead Fill:	1,700'	
Tail Volume:	1288.2	ft°
<b>Tail</b> Fill:	5,100'	

### Cement Data:

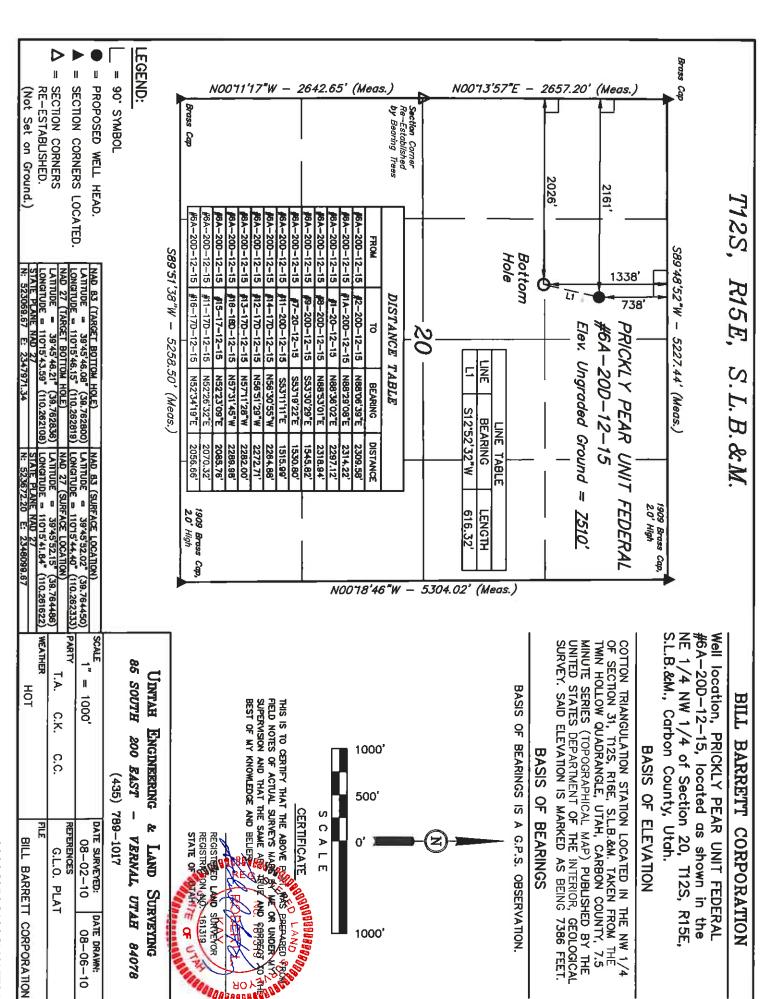
Lead Yield:	1.91	ft³/sk
Tail Yield:	1.45	ft <sup>3</sup> /sk
· % Excess:	15%	

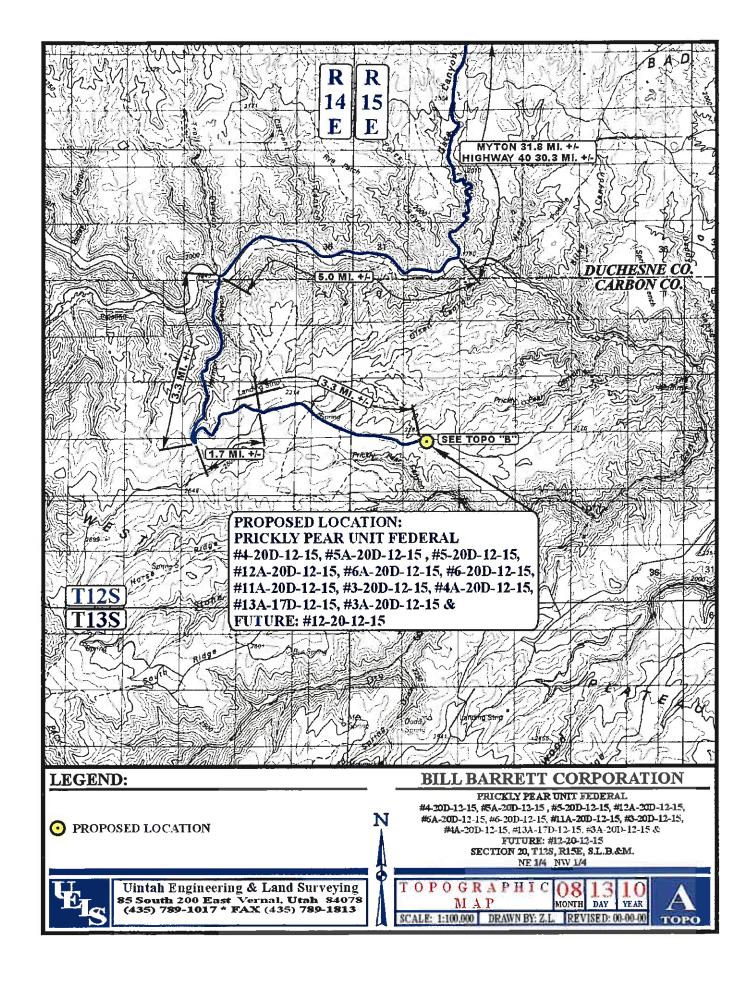
### Calculated # of Sacks:

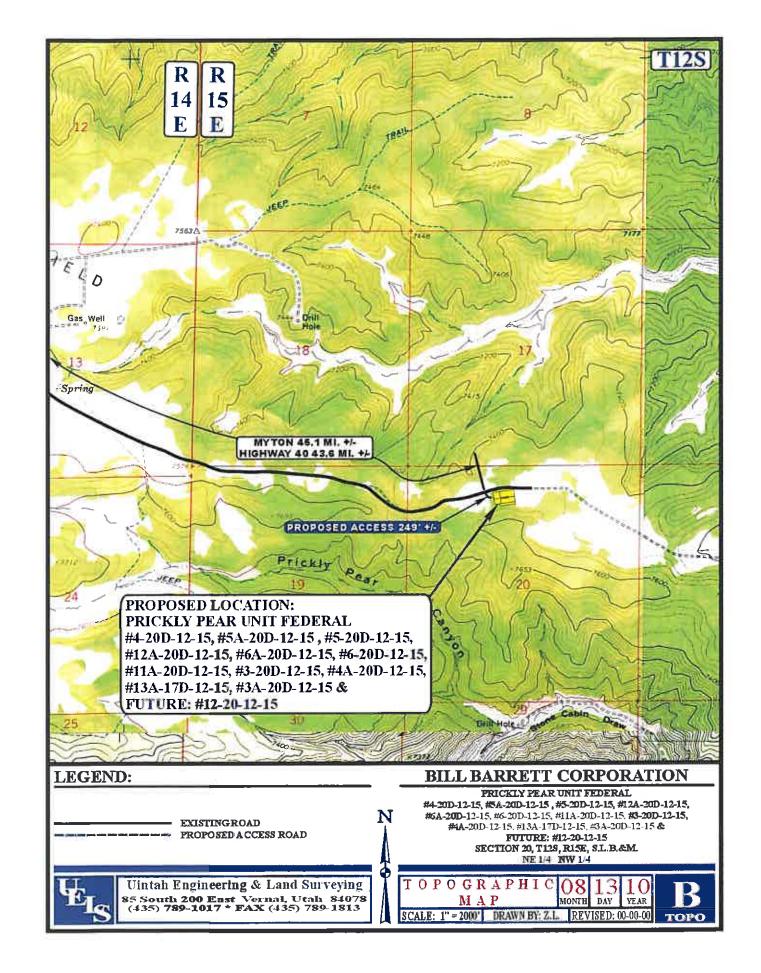
# SK's Lead:	260
# SK's Tail:	1030

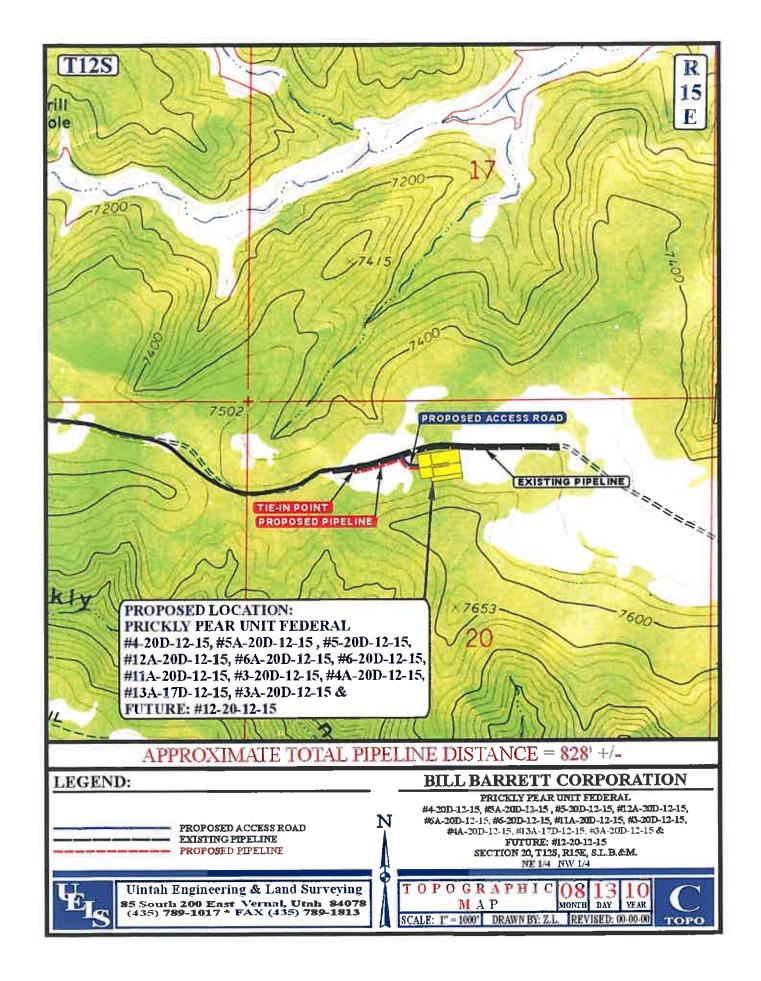
Prickly Pear Unit Federal 6A-20D-12-15 Proposed Cementing Program

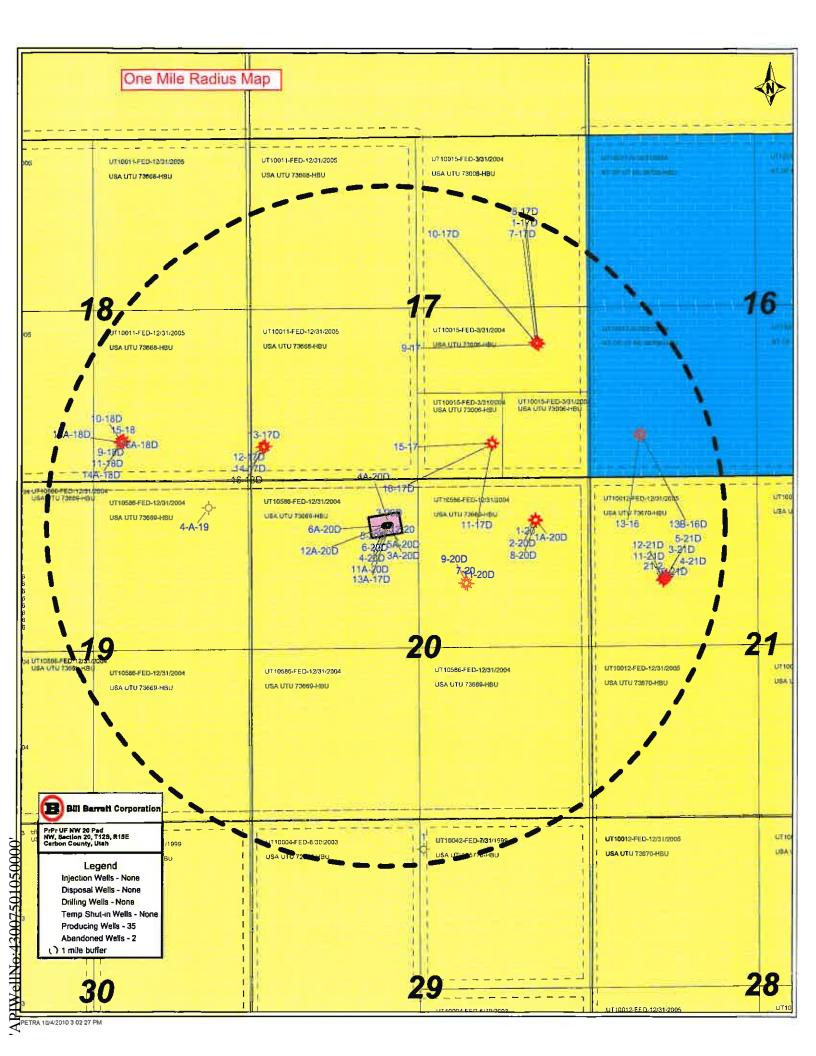
b Recommendation		Produc	tion Casi
Lead Cement - (800' - 2500')			
Halliburton Light Premium	Fluid Weight:	12.5	lbm/gal
0.3% Versaset	Slurry Yield:	1.91	ft <sup>3</sup> /sk
0.3% Super CBL	Total Mixing Fluid:	10.48	Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid:	800'	
0.25% Fe-2	Calculated Fill:	1,700'	
0.2% Econolite	Volume:	76.48	bbl
	Proposed Sacks:	260	sks
<b>Tail Cement - (2500' - 7600')</b> 50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
3.0 % KCL	Slurry Yield:		a ' =
0.75% Halad®-322	Total Mixing Fluid:		Gal/sk
0.2% FWCA	Top of Fluid:		•
0.3% Super CBL	Calculated Fill:	5,100'	
0.125 lbm/sk Poly-E-Flake	Volume:	229.43	bbl
		1030	sks











# BILL BARRETT CORPORATION

PRICKLY PEAR UNIT FEDERAL #4-20D-12-15, #5A-20D-12-15, #5-20D-12-15, #12A-20D-12-15, #6A-20D-12-15, #6-20D-12-15, #11A-20D-12-15, #3-20D-12-15,#4A-20D-12-15, #13A-17D-12-15, #3A-20D-12-15 & FUTURE: #12-20-12-15

LOCATED IN CARBON COUNTY, UTAH SECTION 20, T12S, R15E, S.L.B.&M.



PHOTO: VIEW OF LOCATION STAKES

**CAMERA ANGLE: NORTHEASTERLY** 



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHERLY

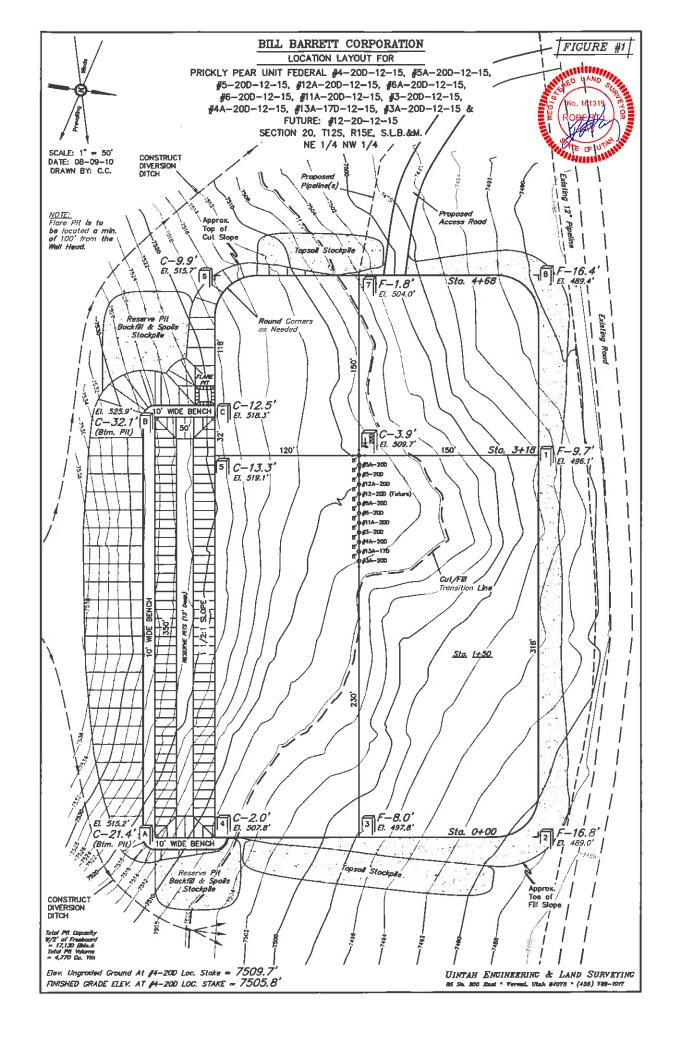


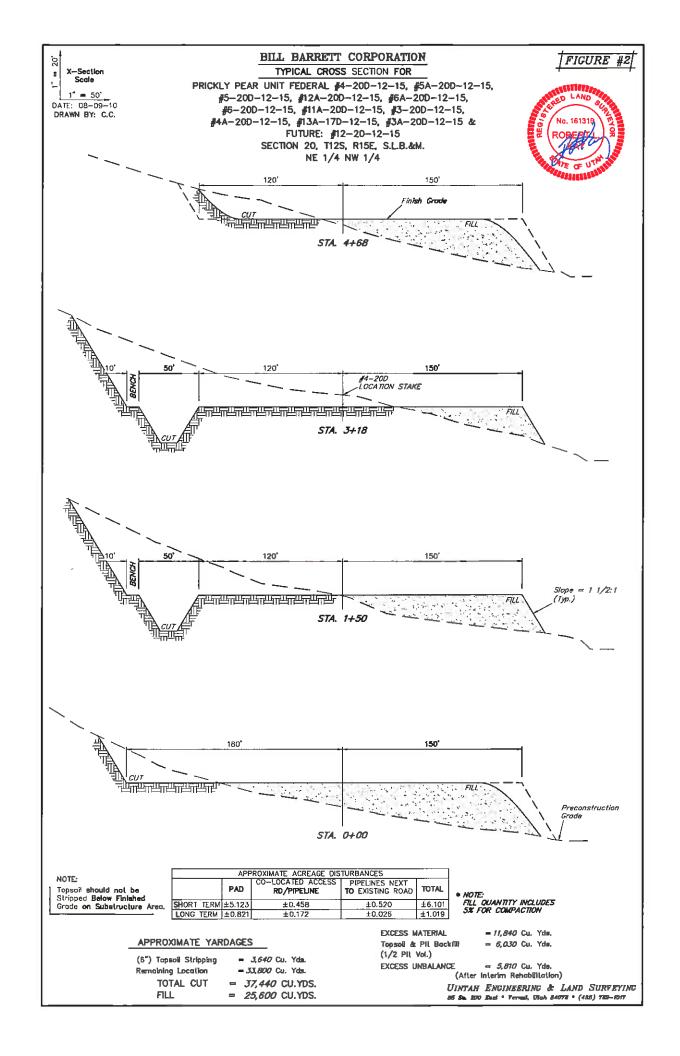
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 (435) 789-1017 \* FAX (435) 789-1813

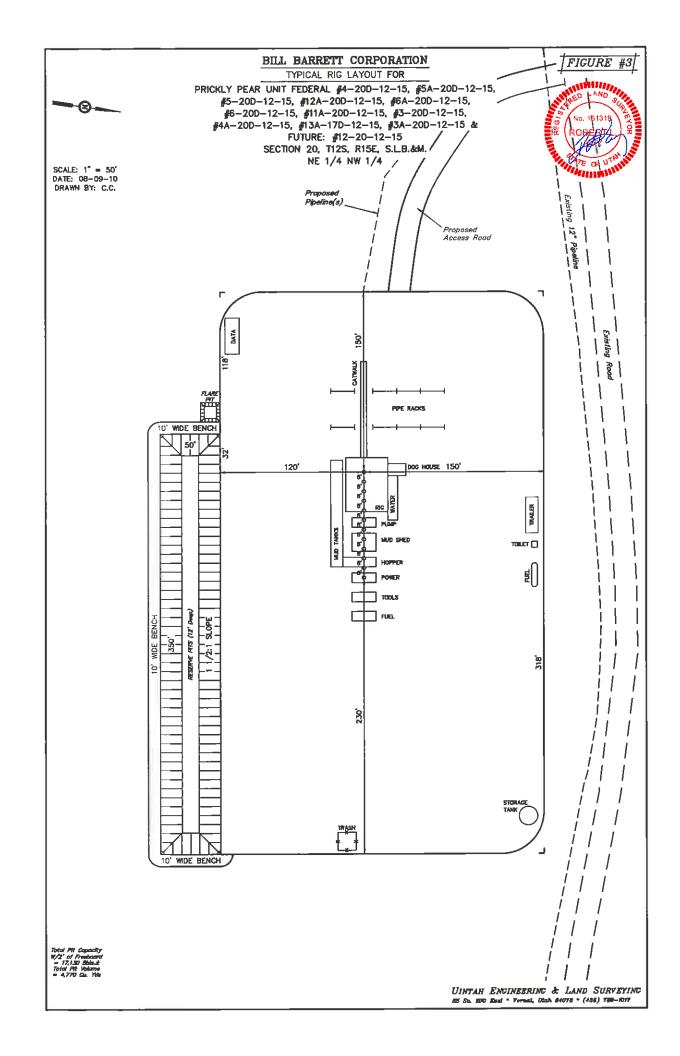
**LOCATION PHOTOS** 

08 13 YEAR TAKEN BY: T.A. DRAWN BY: Z.L. REVISED: 00-00-00

**PHOTO** 







**BILL BARRETT CORPORATION** 

INTERIM RECLAMATION DRAWING FOR PRICKLY PEAR UNIT FEDERAL #4-200-12-15, #5A-200-12-15, #5-20D-12-15, #12A-20D-12-15, #6A-20D-12-15, #6-20D-12-15, #11A-20D-12-15, #3-20D-12-15, #4A-20D-12-15, #13A-17D-12-15, #3A-20D-12-15 & FUTURE: #12-20-12-15 SECTION 20, T12S, R15E, S.L.B.&M. /

NE 1/4 NW 1/4

Proposed

SCALE: 1" = 50' DATE: 08-09-10 DRAWN BY: C.C. REVISED: 09-17-10

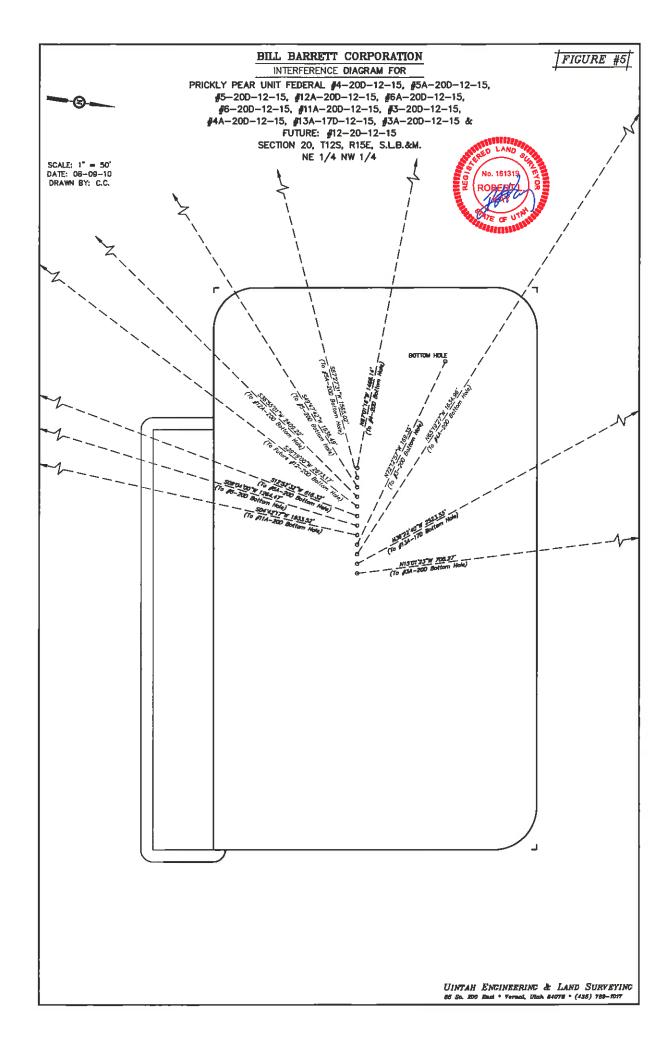
FIGURE #4

THE OF OTHER

Existing

Ñ

Access Road





# Bill Barrett Corp.

Carbon County, UT [NAD27]
Prickly Pear UF NW 20 Pad
Prickly Pear Unit Fed #6A-20D-12-15

Wellbore #1

Plan: plan1 13oct10 rbw

# **Standard Planning Report**

14 October, 2010

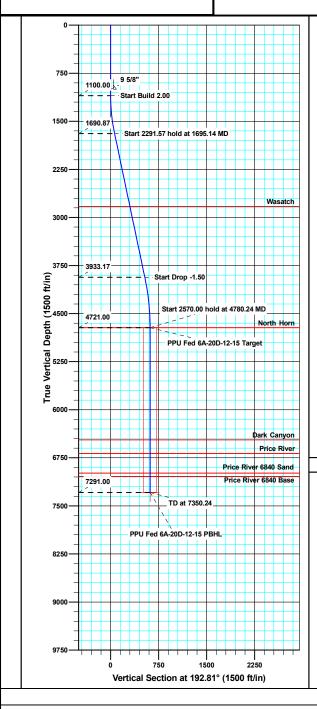


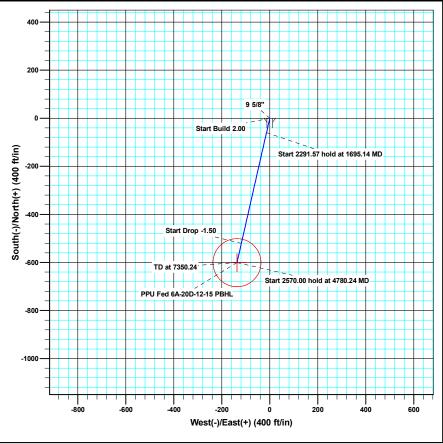


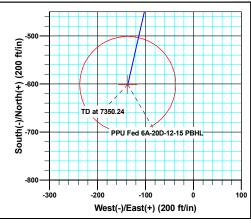
WELL DETAILS: Prickly Pear Unit Fed #6A-20D-12-15

US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

Ground Level: 7505.80 Northing +N/-S +F/-W Longitude 0.00 0.00 523672.50 2348099.66 39° 45' 52.15 N 110° 15' 41.84 W







Azimuths to True North Magnetic North: 11.42° Magnetic Field Strength: 52174.3sn7 Dip Angle: 65.55

Date: 10/13/2010 Model: IGRF200510

SECTION	DETAILS
---------	---------

MD	Inc	Azı	IVD	+N/-S	+E/-W	Dieg	IFace	VSect	larget
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	•
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	
1695.14	11.90	192.81	1690.87	-60.06	-13.66	2.00	192.81	61.60	
3986.71	11.90	192.81	3933.17	-520.94	-118.45	0.00	0.00	534.24	
4780.24	0.00	0.00	4721.00	-601.03	-136.66	1.50	180.00	616.37	PPU Fed 6A-20D-12-15 Target
7350.24	0.00	0.00	7291.00	-601.03	-136.66	0.00	0.00	616.37	PPU Fed 6A-20D-12-15 PBHL



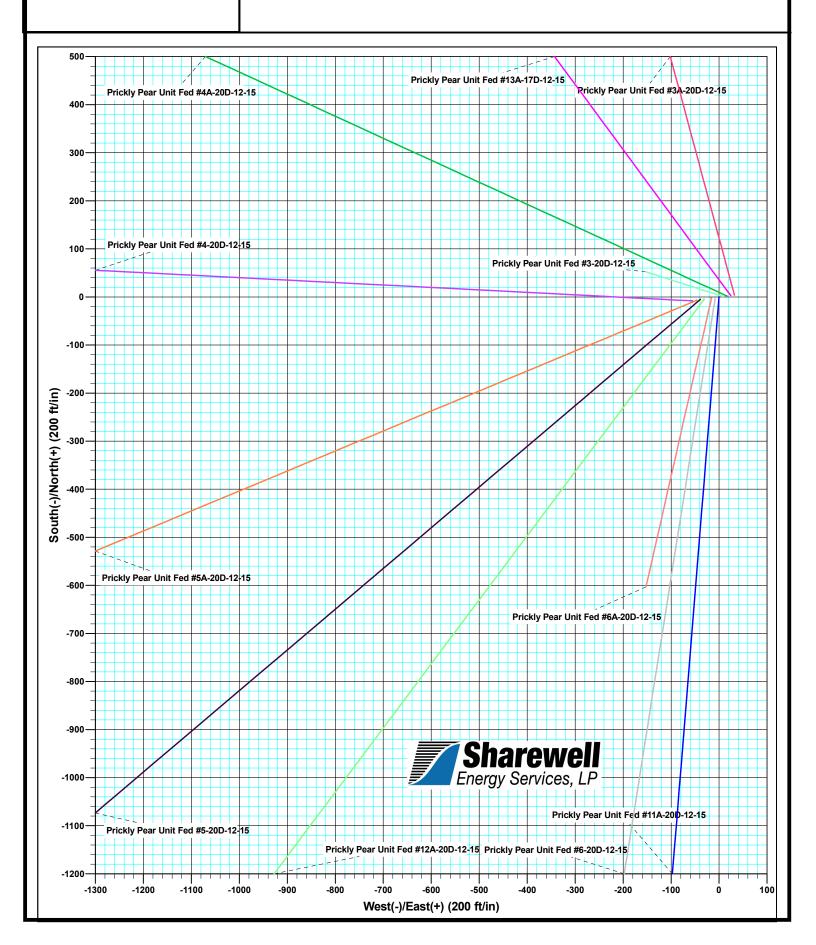


WELL DETAILS: Prickly Pear UF NW 20 Pad

US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

Ground Level: 7505.80

+N/-S +E/-W Northing Easting Latitude Longitude 0.00 0.00 523674.74 2348115.25 39° 45' 52.17 N 110° 15' 41.64 W





# Sharewell Planning Report



Database: Compass VM
Company: Bill Barrett Corp.

Project: Carbon County, UT [NAD27]
Site: Prickly Pear UF NW 20 Pad

Well: Prickly Pear Unit Fed #6A-20D-12-15

Wellbore: Wellbore #1

Design: plan1 13oct10 rbw

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

**Survey Calculation Method:** 

Well Prickly Pear Unit Fed #6A-20D-12-15

KB @ 7521.00ft KB @ 7521.00ft

True

Minimum Curvature

Using geodetic scale factor

Project Carbon County, UT [NAD27]

Map System: US State Plane 1927 (Exact solution)

Geo Datum: NAD 1927 (NADCON CONUS)

Map Zone: Utah Central 4302

System Datum: Mean Sea Level

Site Prickly Pear UF NW 20 Pad

 Site Position:
 Northing:
 523,665.89 usft
 Latitude:
 39° 45' 52.09 N

 From:
 Lat/Long
 Easting:
 2,348,059.93 usft
 Longitude:
 110° 15' 42.35 W

Position Uncertainty: 0.00 ft Slot Radius: 1.10 ft Grid Convergence: 0.79 °

Well Prickly Pear Unit Fed #6A-20D-12-15

 Well Position
 +N/-S
 6.06 ft
 Northing:
 523,672.50 usft
 Latitude:
 39° 45′ 52.15 N

 +E/-W
 39.83 ft
 Easting:
 2,348,099.66 usft
 Longitude:
 110° 15′ 41.84 W

Position Uncertainty 0.00 ft Wellhead Elevation: Ground Level: 7,505.80 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	10/13/10	11.42	65.55	52,174

Design	plan1 13oct10 rbw					
Audit Notes:						
Version:		Phase:	PROTOTYPE	Tie On Depth:	0.00	
Vertical Section:		Depth From (TVD)	+N/-S	+E/-W	Direction	
		(ft)	(ft)	(ft)	(°)	
		0.00	0.00	0.00	192.81	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,695.14	11.90	192.81	1,690.87	-60.06	-13.66	2.00	2.00	0.00	192.81	
3,986.71	11.90	192.81	3,933.17	-520.94	-118.45	0.00	0.00	0.00	0.00	
4,780.24	0.00	0.00	4,721.00	-601.03	-136.66	1.50	-1.50	0.00	180.00	PPU Fed 6A-20D-12-
7,350.24	0.00	0.00	7,291.00	-601.03	-136.66	0.00	0.00	0.00	0.00	PPU Fed 6A-20D-12-



# **Sharewell** Planning Report



Database: Compass VM Bill Barrett Corp.

Project: Carbon County, UT [NAD27]
Site: Prickly Pear UF NW 20 Pad
Well: Prickly Pear Unit Fed #6A-20D-12-15

Wellbore: Wellbore #1

Design: plan1 13oct10 rbw

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well Prickly Pear Unit Fed #6A-20D-12-15

KB @ 7521.00ft KB @ 7521.00ft

True

Minimum Curvature

ned	Survey									
	Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
	1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
	Start Build 2									
	1,200.00	2.00	192.81	1,199.98	-1.70	-0.39	1.75	2.00	2.00	0.00
	1,300.00	4.00	192.81	1,299.84	-6.80	-1.55	6.98	2.00	2.00	0.00
	1,400.00	6.00	192.81	1,399.45	-15.30	-3.48	15.69	2.00	2.00	0.00
	1 500 00	8.00	192.81	1 400 70	27.10	-6.18	27.00	2.00	2.00	0.00
	1,500.00			1,498.70	-27.19	-0.16 -9.65	27.88		2.00	
	1,600.00	10.00	192.81	1,597.47	-42.44		43.52	2.00		0.00
	1,695.14	11.90	192.81	1,690.87	-60.06	-13.66	61.60	2.00	2.00	0.00
		7 hold at 1695.14								
	1,700.00	11.90	192.81	1,695.62	-61.04	-13.88	62.60	0.00	0.00	0.00
	1,800.00	11.90	192.81	1,793.47	-81.15	-18.45	83.22	0.00	0.00	0.00
	1,900.00	11.90	192.81	1,891.32	-101.26	-23.03	103.85	0.00	0.00	0.00
	2,000.00	11.90	192.81	1,989.17	-121.38	-27.60	124.47	0.00	0.00	0.00
	2,100.00	11.90	192.81	2,087.02	-141.49	-32.17	145.10	0.00	0.00	0.00
	2,200.00	11.90	192.81	2,184.87	-161.60	-36.75	165.73	0.00	0.00	0.00
	2,300.00	11.90	192.81	2,282.72	-181.71	-41.32	186.35	0.00	0.00	0.00
	,									
	2,400.00	11.90	192.81	2,380.57	-201.82	-45.89	206.98	0.00	0.00	0.00
	2,500.00	11.90	192.81	2,478.42	-221.94	-50.46	227.60	0.00	0.00	0.00
	2,600.00	11.90	192.81	2,576.27	-242.05	-55.04	248.23	0.00	0.00	0.00
	2,700.00	11.90	192.81	2,674.12	-262.16	-59.61	268.85	0.00	0.00	0.00
	2,800.00	11.90	192.81	2,771.97	-282.27	-64.18	289.48	0.00	0.00	0.00
	2,860.32	11.90	192.81	2,831.00	-294.40	-66.94	301.92	0.00	0.00	0.00
	Wasatch		.02.01	2,0000	200	00.01	0002	0.00	0.00	0.00
	2,900.00	11.90	192.81	2,869.82	-302.38	-68.76	310.10	0.00	0.00	0.00
	3,000.00	11.90	192.81	2,967.67	-322.50	-73.33	330.73	0.00	0.00	0.00
	3,100.00	11.90	192.81	3,065.52	-342.61	-77.90	351.35	0.00	0.00	0.00
	3,200.00	11.90	192.81	3,163.37	-362.72	-82.48	371.98	0.00	0.00	0.00
	3,300.00	11.90	192.81	3,261.22	-382.83	-87.05	392.60	0.00	0.00	0.00
	3,400.00	11.90	192.81	3,359.07	-402.94	-91.62	413.23	0.00	0.00	0.00
	3,500.00	11.90	192.81	3,456.92	-423.06	-96.20	433.85	0.00	0.00	0.00
	3,600.00	11.90	192.81	3,554.77	-443.17	-100.77	454.48	0.00	0.00	0.00
	3,700.00	11.90	192.81	3,652.62	-463.28	-105.34	475.11	0.00	0.00	0.00
	3,800.00	11.90	192.81	3,750.47	-483.39	-109.92	495.73	0.00	0.00	0.00
	3,900.00	11.90	192.81	3,848.32	-503.50	-114.49	516.36	0.00	0.00	0.00
	3,986.71	11.90	192.81	3,933.17	-520.94	-118.45	534.24	0.00	0.00	0.00
	Start Drop -1			,						
	4,000.00	11.70	192.81	3,946.18	-523.59	-119.06	536.96	1.50	-1.50	0.00
	4,100.00	10.20	192.81	4,044.35	-542.12	-123.27	555.96	1.50	-1.50	0.00
	4,200.00	8.70	192.81	4,142.99	-558.14	-126.91	572.38	1.50	-1.50	0.00
	4,300.00	7.20	192.81	4,242.03	-571.63	-129.98	586.22	1.50	-1.50	0.00
	4,400.00	5.70	192.81	4,341.39	-582.59	-132.47	597.46	1.50	-1.50	0.00
	4,500.00	4.20	192.81	4,441.01	-591.01	-134.39	606.09	1.50	-1.50	0.00
	4,600.00	2.70	192.81	4,540.83	-596.88	-135.72	612.12	1.50	-1.50	0.00
	4,700.00	1.20	192.81	4,640.77	-600.21	-136.48	615.53	1.50	-1.50	0.00
	4,780.24	0.00	0.00	4,721.00	-601.03	-136.66	616.37	1.50	-1.50	0.00
		0 hold at 4780.24			A-20D-12-15 Tar					0.00
	4,800.00	0.00	0.00	4,740.76	-601.03	-136.66	616.37	0.00	0.00	0.00
	4,900.00	0.00	0.00	4,840.76	-601.03	-136.66	616.37	0.00	0.00	0.00
	5,000.00	0.00	0.00	4,940.76	-601.03	-136.66	616.37	0.00	0.00	0.00
	5,100.00	0.00	0.00	5,040.76	-601.03	-136.66	616.37	0.00	0.00	0.00
	5,200.00	0.00	0.00	5,140.76	-601.03	-136.66	616.37	0.00	0.00	0.00
	5,300.00	0.00	0.00	5,240.76	-601.03	-136.66	616.37	0.00	0.00	0.00
	5,400.00	0.00	0.00	5,340.76	-601.03	-136.66	616.37	0.00	0.00	0.00
	5,500.00	0.00	0.00	5,440.76	-601.03	-136.66	616.37	0.00	0.00	0.00



# **Sharewell** Planning Report



Database: Compass VM Bill Barrett Corp.

Project: Carbon County, UT [NAD27]
Site: Prickly Pear UF NW 20 Pad
Well: Prickly Pear Unit Fed #6A-20D-12-15

Wellbore: Wellbore #1

Design: plan1 13oct10 rbw

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

**Survey Calculation Method:** 

Well Prickly Pear Unit Fed #6A-20D-12-15

KB @ 7521.00ft KB @ 7521.00ft

True

Minimum Curvature

Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth (ft)	Inclination (°)	Azimuth (°)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Section (ft)	Rate (°/100ft)	Rate (°/100ft)	Rate (°/100ft)
5,600.00 5,700.00 5,800.00 5,900.00 6,000.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	5,540.76 5,640.76 5,740.76 5,840.76 5,940.76	-601.03 -601.03 -601.03 -601.03	-136.66 -136.66 -136.66 -136.66 -136.66	616.37 616.37 616.37 616.37	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
6,100.00 6,200.00 6,300.00 6,400.00 6,500.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	6,040.76 6,140.76 6,240.76 6,340.76 6,440.76	-601.03 -601.03 -601.03 -601.03	-136.66 -136.66 -136.66 -136.66	616.37 616.37 616.37 616.37	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
6,530.24 Dark Canyor	0.00	0.00	6,471.00	-601.03	-136.66	616.37	0.00	0.00	0.00
6,600.00 6,700.00 6,740.24	0.00 0.00 0.00	0.00 0.00 0.00	6,540.76 6,640.76 6,681.00	-601.03 -601.03 -601.03	-136.66 -136.66 -136.66	616.37 616.37 616.37	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
Price River									
6,800.00 6,900.00 7,000.00	0.00 0.00 0.00	0.00 0.00 0.00	6,740.76 6,840.76 6,940.76	-601.03 -601.03 -601.03	-136.66 -136.66 -136.66	616.37 616.37 616.37	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
7,050.24	0.00	0.00	6,991.00	-601.03	-136.66	616.37	0.00	0.00	0.00
7,100.00 7,100.24	0.00 0.00	0.00 0.00	7,040.76 7,041.00	-601.03 -601.03	-136.66 -136.66	616.37 616.37	0.00 0.00	0.00 0.00	0.00 0.00
Price River 6	840 Base								
7,200.00 7,300.00 7,350.24	0.00 0.00 0.00	0.00 0.00 0.00	7,140.76 7,240.76 7,291.00	-601.03 -601.03 -601.03	-136.66 -136.66 -136.66	616.37 616.37 616.37	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PPU Fed 6A-20D-12-15 - plan hits target cent - Point	0.00 er	0.00	4,721.00	-601.03	-136.66	523,069.70	2,347,971.34	39° 45′ 46.21 N	110° 15' 43.59 W
PPU Fed 6A-20D-12-15 - plan hits target cent - Circle (radius 100.0		0.00	7,291.00	-601.03	-136.66	523,069.70	2,347,971.34	39° 45' 46.21 N	110° 15' 43.59 W

Casing Points							
	Measured Depth (ft)	Vertical Depth (ft)		Marra	Casing Diameter (ft)	Hole Diameter (ft)	
	(11)	(11)		Name	(11)	(14)	
	1,000.00	1,000.00	9 5/8"		0.80	1.02	



## **Sharewell** Planning Report



Compass VM Database: Company: Bill Barrett Corp.

Project: Carbon County, UT [NAD27] Prickly Pear UF NW 20 Pad Site:

Well: Prickly Pear Unit Fed #6A-20D-12-15

Wellbore #1 Wellbore: Design: plan1 13oct10 rbw Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference: True

**Survey Calculation Method:** 

Well Prickly Pear Unit Fed #6A-20D-12-15

KB @ 7521.00ft KB @ 7521.00ft

Minimum Curvature

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,860.32	2,831.00	Wasatch		0.00	
4,780.24	4,721.00	North Horn		0.00	
6,530.24	6,471.00	Dark Canyon		0.00	
6,740.24	6,681.00	Price River		0.00	
7,050.24	6,991.00	Price River 6840 Sand		0.00	
7,100.24	7,041.00	Price River 6840 Base		0.00	
	Depth (ft) 2,860.32 4,780.24 6,530.24 6,740.24 7,050.24	Depth (ft)         Depth (ft)           2,860.32         2,831.00           4,780.24         4,721.00           6,530.24         6,471.00           6,740.24         6,681.00           7,050.24         6,991.00	Depth (ft)         Depth (ft)         Name           2,860.32         2,831.00         Wasatch           4,780.24         4,721.00         North Horn           6,530.24         6,471.00         Dark Canyon           6,740.24         6,681.00         Price River           7,050.24         6,991.00         Price River 6840 Sand	Depth (ft)         Depth (ft)         Name         Lithology           2,860.32         2,831.00         Wasatch           4,780.24         4,721.00         North Horn           6,530.24         6,471.00         Dark Canyon           6,740.24         6,681.00         Price River           7,050.24         6,991.00         Price River 6840 Sand	Depth (ft)         Depth (ft)         Name         Lithology         Dip (°)           2,860.32         2,831.00         Wasatch         0.00           4,780.24         4,721.00         North Horn         0.00           6,530.24         6,471.00         Dark Canyon         0.00           6,740.24         6,681.00         Price River         0.00           7,050.24         6,991.00         Price River 6840 Sand         0.00

Plan Annotations				
Measure Depth	d Vertical Depth	Local Co	ordinates +E/-W	
(ft)	(ft)	(ft)	(ft)	Comment
1,100.	00 1,100.00	0.00	0.00	Start Build 2.00
1,695.	1,690.87	-60.06	-13.66	Start 2291.57 hold at 1695.14 MD
3,986.	71 3,933.17	-520.94	-118.45	Start Drop -1.50
4,780.	24 4,721.00	-601.03	-136.66	Start 2570.00 hold at 4780.24 MD
7,350.	7,291.00	-601.03	-136.66	TD at 7350.24

# APIWellNo:43007501050000'

### **SURFACE USE PLAN**

# BILL BARRETT CORPORATION Prickly Pear Unit Federal NW Sec. 20 Pad SUP Carbon County, UT

Prickly Pear Unit Federal 3-20D-12-15	TOTAL TO ALL DESIGNATION OF THE PARTY OF THE
	Prickly Pear Unit Federal 3A-20D-12-15
NENW, 734' FNL, 2184' FWL Sec. 20, T12S-R15E (surface)	NENW, 731' FNL, 2208' FWL Sec. 20, T12S-R15E (surface)
NENW, 682' FNL, 2023' FWL, Sec. 20, T12S-R15E (bottom)	NENW, 46' FNL, 2022' FWL, Sec. 20. T12S-R15E (bottom)
Prickly Pear Unit Federal 4-20D-12-15	Prickly Pear Unit Federal 4A-20D-12-15
NENW, 743' FNL, 2121' FWL Sec. 20, T12S-R15E (surface)	NENW, 733' FNL, 2193' FWL Sec. 20, T12S-R15E (surface)
NWNW, 662' FNL, 657' FWL, Sec. 20, T12S-R15E (bottom)	NWNW, 46' FNL, 704' FWL, Sec. 20, T12S-R15E (bottom)
Prickly Pear Unit Federal 5-20D-12-15	Prickly Pear Unit Federal 5A-20D-12-15
NENW, 741' FNL, 2137' FWL Sec. 20, T12S-R15E (surface)	NENW, 742' FNL, 2129' FWL Sec. 20, T12S-R15E (surface)
SWNW, 1986' FNL, 663' FWL, Sec. 20, T12S-R15E (bottom)	SWNW, 1337' FNL, 686' FWL, Sec. 20, T12S-R15E (bottom)
Prickly Pear Unit Federal 6-20D-12-15	Prickly Pear Unit Federal 6A-20D-12-15
NENW, 737' FNL, 2169' FWL Sec. 20, T12S-R15E (surface)	NENW, 738' FNL, 2161' FWL Sec. 20, T12S-R15E (surface)
SENW, 1985' FNL, 1975' FWL, Sec. 20, T12S-R15E (bottom)	SENW, 1338' FNL, 2026' FWL, Sec. 20, T12S-R15E (bottom)
Prickly Pear Unit Federal 11A-20D-12-15	Prickly Pear Unit Federal 12A-20D-12-15
NENW, 735' FNL, 2177' FWL Sec. 20, T12S-R15E (surface)	NENW, 740' FNL, 2145' FWL Sec. 20, T12S-R15E (surface)
NESW, 2639' FSL, 2026' FWL, Sec. 20, T12S-R15E (bottom)	NWSW, 2639' FSL, 706' FWL, Sec. 20, T12S-R15E (bottom)
Prickly Pear Unit Federal 13A-17D-12-15	
NENW, 732' FNL, 2200' FWL Sec. 20, T12S-R15E (surface)	
SWSW, 1304' FSL, 701' FWL, Sec. 17, T12S-R15E (bottom)	

This is a new pad with a total of twelve directional wells proposed (eleven to be drilled in Phase 1, one future well). The onsite for this pad occurred on September 16, 2010.

The excavation contractor would be provided with an approved copy of the surface use plan of operations before initiating construction.

### 1. Existing Roads:

- a. The proposed pad is located approximately 45 miles from Myton, Utah. Maps reflecting directions to the proposed pad are included (see topographic maps A and B).
- b. The use of roads under State and County Road Department maintenance is necessary to access the Prickly Pear Unit. However, an encroachment permit is not anticipated as there are no upgrades to the State or County road systems proposed at this time.
- No topsoil stripping would occur as there are no improvements proposed to existing State, County
  or main BLM access roads.
- d. Project roads would require routine year-round maintenance to provide year-round access. Maintenance would include inspections, reduction of ruts and holes, maintenance to keep water off the road, replacement of surfacing materials, and clearing of sediment blocking ditches and culverts. Should snow removal become necessary, roads would be cleared with a scraper and snow would be stored along the down gradient side to prohibit runoff onto the road. Aggregate would be used as necessary to maintain a solid running surface and minimize dust generation.
- Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate
  with road and weather conditions. Travel would be limited to the existing access roads and
  proposed access road.
- f. To address safety-related traffic concerns, drivers and rig crews would be advised of the hazards to recreational traffic along the existing and proposed access roads, as well as hazards present due to blind corners, cars parked on the road, pedestrian traffic, and mountain bikers. In addition, appropriate signs would be erected to warn non-project personnel about traffic hazards associated with project-related activities and during times of rig moves, when there is heavy equipment, traffic

Bill Barrett Corporation Surface Use Plan Prickly Pear NW 20 Pad Carbon County, Utah

may be controlled on sections of roads. Traffic would be controlled using roadside signs, flagmen, and barricades as appropriate.

- g. Dust suppression and monitoring would be implemented where necessary and as prescribed by the BLM.
- h. An off-lease federal right-of-way for the access road and utility corridor is not anticipated at this time since existing roads are being utilized into the Prickly Pear Unit area. All new construction would be within the Unit.

### Planned Access Road:

- a. From the existing Prickly Pear road, approximately 249 feet of new access road is proposed (see topographic map B). A road design plan is not anticipated at this time.
- b. The new proposed access road would be co-located by pipeline(s) and the requested corridor disturbance would be 100 ft with a short-term corridor disturbance of 80 ft (0.46 acres) reclaimed to a long-term corridor of 30 ft (0.17 acres).
- c. The proposed road would be constructed to facilitate drainage, control erosion and minimize visual impacts by following natural contours where practical. No unnecessary side-casting of material would occur on steep slopes.
- d. Intervisible turnouts are not proposed. A maximum grade of 10 percent would be maintained with minimum cuts and fills, as necessary, to access the well pad.
- e. New road construction and improvements of existing roads would typically require the use of motorgraders, crawler tractors, 10-yard end dump trucks, and water trucks. The standard methodology for building new roads involves the use of a crawler tractor or track hoe to windrow the vegetation to one side of the road corridor, remove topsoil to the opposing side of the corridor, and rough-in the roadway. This is followed by a grader or bulldozer to establish barrow ditches and crown the road surface. Where culverts are required, a track hoe or backhoe would trench the road and install the culverts. Some hand labor would be required when installing and armoring culverts. Road base or gravel in some instances would be necessary and would be hauled in and a grader used to smooth the running surface.
- f. Excess rock from construction of the pad may be used for surfacing of the access road if necessary. Any additional aggregate necessary would be obtained from private, State of Utah, or federal lands in conformance with applicable regulations. Aggregate would be of sufficient size, type, and amount to allow all weather access and alleviate dust.
- g. Where topsoil removal is necessary, it would be windrowed (i.e. stockpiled/accumulated along the edge of the ROW and in a low row/pile parallel with the ROW) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the disturbed area would also be re-spread to provide protection, nutrient recycling, and a seed source for reclamation.
- h. Adequate drainage structures would be incorporated and culverts, with a minimum diameter of 18 inches, would be installed as necessary.
- i. No gates or cattle guards are anticipated at this time.
- Surface disturbance and vehicular travel would be limited to the approved location access road.
   Adequate signs would be posted, as necessary, to warn the public of project related traffic.
- k. All access roads and surface disturbing activities would conform to the appropriate standard, no higher than necessary, to accommodate their intended function adequately as outlined in the Bureau of Land Management and Forest Service publication: <u>Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition Revised 2007</u>. BBC would be responsible for all maintenance of the access road.

Bill Barrett Corporation Surface Use Plan Prickly Pear NW 20 Pad Carbon County, Utah

### 3. Location of Existing Wells (see One-Mile Radius Map):

 Following is a list of wells with surface hole locations within a one-mile radius of the proposed pad:

i.	water wells	none
ii.	injection wells	none
iii.	disposal wells	попе
iv.	drilling wells	none
٧,	temp shut-in wells	none
vi.	producing wells	thirty-five
vii.	abandoned wells	two

### 4. Location of Production Facilities:

- a. Each proposed well would have its own meter run and separator. Proposed wellheads and christmas trees would be contained below location grade in pre-cast concrete trenches. All wellheads associated with the drilling operations for this pad would be contained in the same trench measuring approximately 12 ft wide, 10 ft deep, and 96 ft long (# wells x 8 ft + 16 ft for two end pieces). Drawings of below ground cellars can be provided by BBC upon request.
- b. Up to ten tanks (up to 625-bbls in capacity) could be installed on this proposed well pad. As all of the new proposed wells for this pad are within the Prickly Pear unit and within the participating area, tanks would be shared among the wells.
- c. The tank battery would be surrounded by a secondary containment berm of sufficient capacity to contain the 1.1 times the entire capacity of the largest single tank and sufficient freeboard to contain precipitation. All loading lines and valves would be placed inside the berm surrounding the tank battery or would utilize catchment basins to contain spills. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil. Any variances from this would be submitted via a sundry notice. BBC requests permission to install the necessary production/operation facilities with this application.
- d. Most wells would be fitted with plunger lift systems to assist liquid production. However, pump jacks may be used if liquid volumes and/or low formation pressures require it. Plunger lift systems do not require any outside source of energy. The prime mover for pump jacks would be small (50 horsepower or less), natural gas-fired internal combustion engines.
- e. Gas meter run(s) would be constructed and located on lease within 500 feet of the wellheads. Meter runs would be housed and/or fenced. As practicably feasible, meters would be equipped with remote telemetry monitoring systems. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3 and any variances would be included with this submittal or submitted via sundry notice.
- f. A combustor may be installed on this pad for control of associated condensate tank emissions. A combustor ranges from 24 inches to 48 inches wide and is approximately 10 ft -27 ft tall. Combustor placement would be on existing disturbance and would not be closer than 100 ft to any tank or wellhead(s).
- g. A gas gathering pipeline, approximately 828 feet in length and up to 12 inch in diameter is associated with this application and is being applied for at this time (see topographic map C). Liquids would be trucked from this location.
- h. The proposed new gas pipeline would be constructed of steel and would be buried, where soil conditions permit, within the proposed and existing co-located access road and pipeline corridor.

Disturbance for the portion of pipeline next to the existing access road (approximately 532 feet at a 40 foot corridor) would be 0.49 acres (short-term) and 0.02 acres (long-term).

- Although BBC intends on burying the new proposed pipelines, burial of pipelines would depend upon the site-specific topographic and soil conditions and operational requirements. If bedrock was encountered, BBC would contact the Authorized Officer at the time of construction to discuss further.
- j. BBC intends on stringing the pipeline on the surface, welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. The welded joints would either remain on the surface or would be placed within the trench, depending on the scenario. BBC intends on connecting the pipeline together utilizing conventional welding technology.
- k. Pipeline construction methods and practices would be planned and conducted by BBC with the objective of enhancing reclamation and fostering the re-establishment of the native plant community.
- To limit erosion potential, backfill over pipeline trenches would be compacted so as not to extend
  above the original ground level after the fill has settled. Wheel or other methods of compacting
  backfill would be utilized as practicably feasible to reduce trench settling and water channeling.
- m. All permanent above-ground structures would be painted a flat, non-reflective Olive Black to match the standard environmental colors. These structures would be painted the designated color at the time of installation or within 6 months of being located on site. Facilities that are required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- n. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to. Any changes to facilities proposed within this surface use plan would be depicted on the site security diagram submitted.
- The site would require periodic maintenance to ensure that drainages are kept open and free of
  debris, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to
  adjacent areas.

## Location and Type of Water Supply:

 a. Bill Barrett Corporation would use water consistent with approvals granted by the Utah State Engineer's Office under:

> Application Number 90-1863, expires June 6, 2011 Application Number 98-1864, expires September 7, 2011 Application Number 90-4, expires December 31, 2014 Application Number 90-1861, expires May 11, 2011

- b. Water use for this location would most likely be diverted from Nine Mile Creek, the N¼ of Section 3, T12S-R14E. Bobtail trucks would haul the water, traveling Prickly Pear road to Harmon Canyon, traveling north to this point of diversion.
- c. Water use would vary in accordance with the formations to be drilled but would average approximately 1 acre-foot (7,758 barrels) during drilling operations and 1 acre-foot (7,758 barrels) during completion operations.

## 6. Source of Construction Material:

- a. The use of materials would conform to 43 CFR 3610.2-3.
- b. No construction materials would be taken out of the Prickly Pear Unit.

> c. If any additional gravel is required, it would be obtained from SITLA materials permits, federal BBC locations within the Prickly Pear unit or from private sources.

#### Methods of Handling Waste Disposal:

 All wastes associated with this application would be contained and disposed of utilizing approved facilities.

## Closed Loop Drilling System

- b. BBC intends to employ a closed loop drilling system in which drilling fluids and cuttings would be thoroughly processed such that the separated cuttings are relatively dry. The cuttings would be stored on location in either secured piles or in a 350 ft x 50 ft cuttings trench (indicated as reserve pit on Figure 1 located outboard of the location along the south side of the pad).
- c. The cuttings trench would not be lined. Three sides of the trench would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until cuttings trench has been reclaimed.
- d. Upon completion of drilling, the cuttings would be tested and further processed as necessary to meet standards for burial on site or other BLM approved uses such as a media for road surfacing or growing media for reclamation.

### Conventional or Semi-Closed Loop Drilling System

- e. In the event closed loop drilling is not employed, a conventional or semi-closed loop system would be used where a small amount of fluid is retained in the cuttings and the cuttings are placed in the reserve pit. The reserve pit would also store water to make up losses and store any excess drilling fluids. Reserve pits would be constructed with an impermeable liner so as to prevent releases. The pit liner would overlap the pit walls and be anchored with soil and/or rocks to hold it in place. No trash, scrap pipe, etc. that could puncture the liner would be disposed of in the pit and a minimum of 2 ft of freeboard would be maintained in the pit at all times. Reserve pits would be constructed and maintained according to BLM or UDOGM requirements as appropriate.
- f. Three sides of the reserve pit would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until the pit is dry.
- g. Any hydrocarbons floating on the surface of the reserve pit would be removed as soon as possible after drilling and completion operations are finished. In some cases, the reserve pit may be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

## Completion Pit

h. Where closed loop drilling is employed, the cuttings trench disturbed area would typically also be used to store water for completion activities. The completion pit would be constructed with an impermeable liner to prevent releases and would be fenced and constructed and maintained according to BLM or UDOGM requirements.

## <u>Other</u>

Produced fluids from the wells other than water would be decanted into steel test tanks until such
time as construction of production facilities is completed. Produced water may be used in further
drilling and completion activities, evaporated in the pit or would be hauled to a state approved
disposal facility.

- j. After initial clean-up and based on volumes, BBC would install a tank (maximum size 400 barrel capacity) to contain produced waste water. After first production, produced wastewater would be confined to tanks within the CTB for a period not to exceed ninety (90) days. Thereafter, produced water would be used in further drilling and completion activities or hauled to a State approved disposal facility.
- k. Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.
- Any spills of oil, condensate, produced or frac water, drilling fluids, or other potentially deleterious substances would be recovered and either returned to its origin or disposed of at an approved disposal site, most likely in Duchesne, Utah.
- m. Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) may be used or stored in quantities over reportable quantities. In the course of drilling, BBC could potentially store and use diesel fuel, sand (silica), hydrochloric acid, and CO<sub>2</sub> gas, all described as hazardous substances in 40 CFR Part 302, Section 302.4, in quantities exceeding 10,000 pounds. In addition, natural gas condensate and crude oil and methanol may be stored or used in reportable quantities. Small quantities of retail products (paint/spray paints, solvents {e.g., WD-40}, and lubrication oil) containing non-reportable volumes of hazardous substances may be stored and used on site at any time. No extremely hazardous substances, as defined in 40 CFR 355, would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.
- n. Portable toilets and trash containers would be located onsite during drilling and completion operations. A commercial supplier would install and maintain portable toilets and equipment and would be responsible for removing sanitary waste. Sanitary waste facilities (i.e. toilet holding tanks) would be regularly pumped and their contents disposed of at approved sewage disposal facilities in Carbon, Duchesne, and/or Uintah Counties, in accordance with applicable rules and regulations regarding sewage treatment and disposal. Accumulated trash and nonflammable waste materials would be hauled to an approved landfill once a week or as often as necessary. All debris and waste materials not contained in the trash containers would be cleaned up, removed from the construction ROW, well pad, or worker housing location, and disposed of at an approved landfill. Trash would be cleaned up everyday.
- o. Sanitary waste equipment and trash bins would be removed from the WTP Project Area upon completion of access road or pipeline construction; following drilling and completion operations at an individual well pad; when worker housing is no longer needed; or as required.
- p. A flare pit may be constructed a minimum of 110' from the wellhead(s) and may be used during completion work. In the event a flare pit proves to be unworkable, a temporary flare stack or open top tank would be installed. BBC would flow back as much fluid and gas as possible into pressurized vessels, separating the fluids from the gas. In some instances, due to the completion fluids utilized within the West Tavaputs Project area, it is not feasible to direct the flow stream from the wellbore through pressurized vessels. In such instances BBC proposes to direct the flow to the open top tanks until flow through the pressurized vessels is possible. At which point the fluid would either be returned to the reserve pit or placed into a tank(s). The gas would be directed to the flare pit, flare stack (each with a constant source of ignition), or may be directed into the sales pipeline.
- q. Flare lines would be directed so as to avoid damage to surrounding vegetation, adjacent rock faces, or other resources, and as required by regulations. Flare lines would be in place on all well locations. In the event it becomes necessary to flare a well, a deflector and/or directional orifice would also be used to safeguard both personnel and adjacent natural rock faces.

### 8. Ancillary Facilities:

a. Garbage containers and portable toilets would be located on the well pad.

- Storage yards for tubulars and other equipment and temporary housing areas, located on BBC surface, would be utilized.
- c. On well pads where active drilling and completion is occurring, temporary housing would be provided on location for the well pad supervisor, geologist, tool pusher, and others that are required to be on location at all times. Active drilling locations could include up to five single wide mobile homes or fifth wheel campers/trailers.

#### 9. Well Site Layout:

- a. Each well would be properly identified in accordance with 43 CFR 3162.6
- b. The pad has been staked at its maximum size of 476 ft x 270 ft with a 350 ft x 50 ft (5.123 acres short-term, 0.8 acres long-term) cuttings trench/reserve pit/completion pit outboard of the pad. The location layout and cross section diagrams are enclosed.
- c. Within the approved well pad location, a crawler tractor would strip whatever topsoil is present and stockpile it along the edge of the well pad for use during reclamation. Vegetation would be distributed along the sides of the well pad.
- d. Proposed wellheads and christmas trees would be contained below location grade in pre-cast concrete trenches.
- e. The cuttings trench or reserve pit would be fenced on three sides during drilling and on the fourth side immediately after the removal of the drilling rig. In the event closed loop drilling is employed, the cuttings trench would be removed or stockpiled on one edge of the trench and the area would be used for a completion pit during completion operations.
- Fill from pit excavation would be stockpiled along the edge of the pit and the adjacent edge of the well pad.
- g. Use of erosion control measures, including proper grading to minimize slopes, diversion terraces and ditches, mulching, terracing, riprap, fiber matting, temporary sediment traps, and broad-based drainage dips or low water crossings would be employed by BBC as necessary and appropriate to minimize erosion and surface runoff during well pad construction and operation. Cut and fill slopes would be constructed such that stability would be maintained for the life of the activity.
- h. Construction of the well pad would take from 1 to 3 weeks depending on the features at the particular site.
- i. Dust suppression may be implemented if necessary to minimize the amount of fugitive dust.

## 10. Plan for Restoration of the Surface:

## Interim Reclamation (see Figure 4)

- a. Portions of the disturbed area within a construction ROW or portions of well pads not needed for production would be reclaimed according to specifications of the BLM as appropriate.
- b. Prior to interim reclamation activities, all solid wastes and refuse would be removed and placed at approved landfills. The portions of the well pad or access and pipeline corridor not needed for production would be re-contoured to promote proper drainage, salvaged topsoil would be replaced, and side slopes would be ripped and disked on the contour. Following site preparation, reseeding would be completed during either the spring or fall planting season, when weather conditions are most favorable. Seed mixtures for reclaimed areas would be site-specific and would require approval by the BLM. BBC would apply and meet BLM's Green River District Reclamation Standards, where practicable.

- c. The operator would control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate county extension office. On BLM administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- d. Following interim reclamation, access roads (including roads co-located with pipeline) would be reduced to approximately 30 feet of disturbance. Roads leading to well sites that would not have surface production equipment would be designed and reclaimed in a way that minimizes impacts to the visual character of the host lands.
- e. Weather permitting, earthwork for interim reclamation would be completed within 6 months of completion of the final well on the pad or plugging and would continue until satisfactory revegetation cover is established. Inter-seeding (i.e. seeding into existing vegetation), secondary seeding, or staggered seeding may be used to accomplish revegetation objectives. During rehabilitation of areas in important wildlife habitat, provisions would be made for the establishment of native browse and forb species. Follow-up seeding or corrective erosion control measures would occur on areas where initial reclamation efforts are unsuccessful, as determined by the BLM or the appropriate surface management agency.

## Dry Hole/Final Reclamation

- f. All disturbed lands associated with this project, including the pipelines, access roads, water management facilities, etc. would be expediently reclaimed and reseeded in accordance with the reclamation plan and any pertinent site-specific COAs.
- g. When a well is to be plugged and abandoned, BBC would submit a Notice of Intent to Abandon (NOA) to the BLM or UDOGM as appropriate. The BLM or UDOGM would then attach the appropriate surface rehabilitation COAs for the well pad, and as appropriate, for the associated access road, pipeline, and ancillary facilities. During plugging and abandonment, all structures and equipment would be removed from the well pad. Backfilling, leveling, and re-contouring would then be performed according to the BLM or UDOGM order.
- h. Any mulch used by BBC would be weed-free and free from mold, fungi, or noxious weeds. Mulch may include native hay, small grain straw, wood fiber, live mulch, cotton, jute, synthetic netting or rock.
- i. BBC would reshape disturbed channel beds to their approximate original configuration.
- j. Reclamation of abandoned roads may include re-shaping, re-contouring, re-surfacing with topsoil, installation of water bars, and seeding on the contours. Road beds, well pads, and other compacted areas would be ripped to a depth of approximately 1 foot on 1.5 foot centers to reduce compaction prior to spreading the topsoil across the disturbed area. Stripped vegetation would be spread over the disturbance area for nutrient recycling, where practical. Additional erosion control measures (e.g. fiber matting) and road barriers to discourage travel may be constructed if appropriate. Graveled roads, well pads, and other sites would be stripped of usable gravel prior to ripping as deemed necessary. Culverts, cattleguards, and signs would be removed as roads are abandoned.

## 11. Surface and Mineral Ownership:

- Surface ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.
- Mineral ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.

## 12. Other Information:

- Montgomery Archaeological Consultants conducted a cultural resource inventory for this pad MOAC 10-186, dated September 22, 2010.
- BBC would require that their personnel, contractors, and subcontractors to comply with Federal regulations intended to protect archeological and cultural resources.
- c. Project personnel and contractors would be educated on and subject to the following requirements:
  - No dogs within the WTP Project Area;
  - No firearms within the WTP Project Area;
  - No littering within the WTP Project Area;
  - Smoking within the WTP Project Area would only be allowed in off-operator active
    locations or in specifically designated smoking areas. All cigarette butts would be placed in
    appropriate containers and not thrown on the ground or out windows of vehicles; personnel
    and contractors would abide by all fire restriction orders;
  - Campfires or uncontained fires of any kind would be prohibited within the WTP Project Area;
  - Portable generators used in the WTP Project Area would have spark arrestors.
- d. All proposed disturbances are within the Prickly Pear unit: Surface disturbances occur on lease UTU-73669.

# 'APIWellNo:43007501050000'

## **OPERATOR CERTIFICATION**

## Certification:

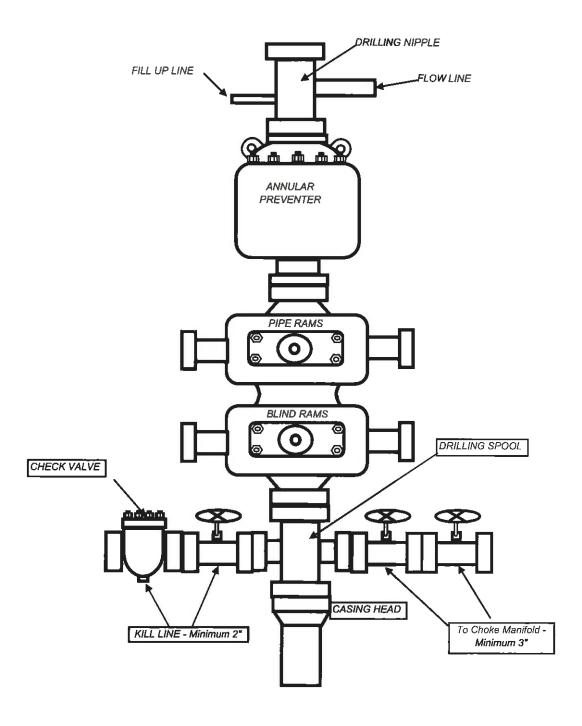
I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein would be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filings of false statements.

Executed this	d_ da	y of November 2010
Name:	Elaine Winick	
Position Title:	Senior Permit A	
Address:	1099 18th Street.	Suite 2300, Denver, CO 80202
Telephone:	303-312-8168	
Field Representative	Bran	don Murdock
Address:	1820	W. Hwy 40, Roosevelt, UT 84066
Telephone:	435-	724-5252
E-mail:	bmur	dock@billbarrettcorp.com
PA		/

Elaine Winick, Senior Permit Analysi

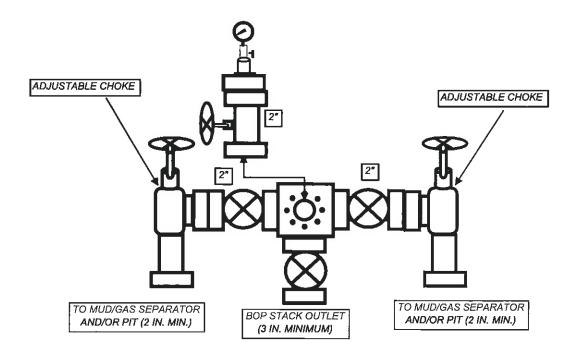
# **BILL BARRETT CORPORATION**

# TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER



# **BILL BARRETT CORPORATION**

# TYPICAL 3,000 p.s.i. CHOKE MANIFOLD







November 19, 2010

Ms. Diana Mason State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE: Directional Drilling R649-3-11

Prickly Pear Unit Federal #6A-20D-12-15

SHL: 738' FNL & 2161' FWL NENW 20-T12S-R15E BHL: 1338' FNL & 2026' FWL SENW 20-T12S-R15E

Carbon County, Utah

Dear Ms. Mason:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the "Exception to Location and Siting of Wells."

- The above-mentioned proposed location is within the Prickly Pear Unit Area and a Participating Area;
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area.
- BBC hereby certifies this well is located within 460 feet of the unit boundary.
- Additional working interest owner includes XTO Energy, Inc. BBC will consult
  with this owner regarding the drilling of this well.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. If you should have any questions or need further information, please contact me at 303-312-8513.

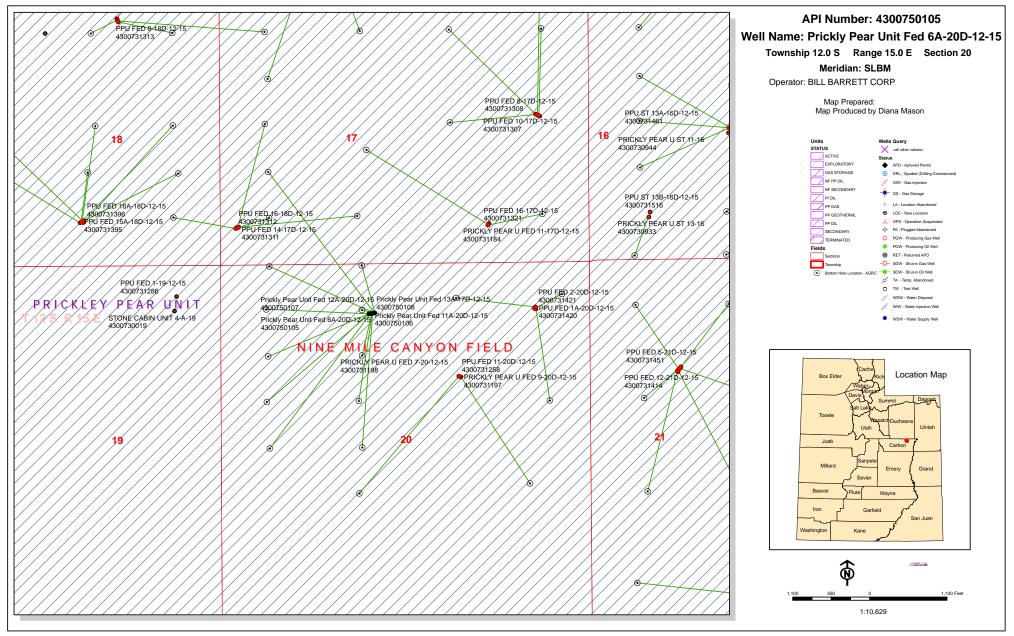
Sincerely,

Vicki Wambolt Landman 1099 18TH STREET SUITE 2300

DENVER, CO 80202

P 303.293.9100

F 303,291,0420



# **United States Department of the Interior**

## BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

November 30, 2010

## Memorandum

To: Associate Field Office Manager,

Price Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2010 Plan of Development Prickly Pear Unit

Carbon County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2010 within the Prickly Pear Unit, Carbon County, Utah.

API# WELL NAME LOCATION

(Proposed PZ Wasatch-Mesaverde)

43-007-50098 P Pear Unit 3-20D-12-15 Sec 20 T12S R15E 0734 FNL 2184 FWL BHL Sec 20 T12S R15E 0682 FNL 2023 FWL

43-007-50099 P Pear Unit 3A-20D-12-15 Sec 20 T12S R15E 0731 FNL 2208 FWL

BHL Sec 20 T12S R15E 0046 FNL 2022 FWL

43-007-50100 P Pear Unit 4-20D-12-15 Sec 20 T12S R15E 0743 FNL 2121 FWL BHL Sec 20 T12S R15E 0662 FNL 0657 FWL

43-007-50101 P Pear Unit 4A-20D-12-15 Sec 20 T12S R15E 0733 FNL 2193 FWL

BHL Sec 20 T12S R15E 0046 FNL 0704 FWL

43-007-50102 P Pear Unit 5-20D-12-15 Sec 20 T12S R15E 0741 FNL 2137 FWL

BHL Sec 20 T12S R15E 1986 FNL 0663 FWL

43-007-50103 P Pear Unit 5A-20D-12-15 Sec 20 T12S R15E 0742 FNL 2129 FWL

BHL Sec 20 T12S R15E 1337 FNL 0686 FWL

43-007-50104 P Pear Unit 6-20D-12-15 Sec 20 T12S R15E 0737 FNL 2169 FWL BHL Sec 20 T12S R15E 1985 FNL 1975 FWL

43-007-50105 P Pear Unit 6A-20D-12-15 Sec 20 T12S R15E 0738 FNL 2161 FWL

BHL Sec 20 T12S R15E 1338 FNL 2026 FWL

API# WELL NAME LOCATION

(Proposed PZ Wasatch-Mesaverde)

43-007-50106 P Pear Unit 11A-20D-12-15 Sec 20 T12S R15E 0735 FNL 2177 FWL BHL Sec 20 T12S R15E 2639 FSL 2026 FWL

43-007-50107 P Pear Unit 12A-20D-12-15 Sec 20 T12S R15E 0740 FNL 2145 FWL

BHL Sec 20 T12S R15E 2639 FSL 0706 FWL

43-007-50108 P Pear Unit 13A-17D-12-15 Sec 20 T12S R15E 0732 FNL 2200 FWL BHL Sec 17 T12S R15E 1304 FSL 0701 FWL

This office has no objection to permitting the wells at this time.



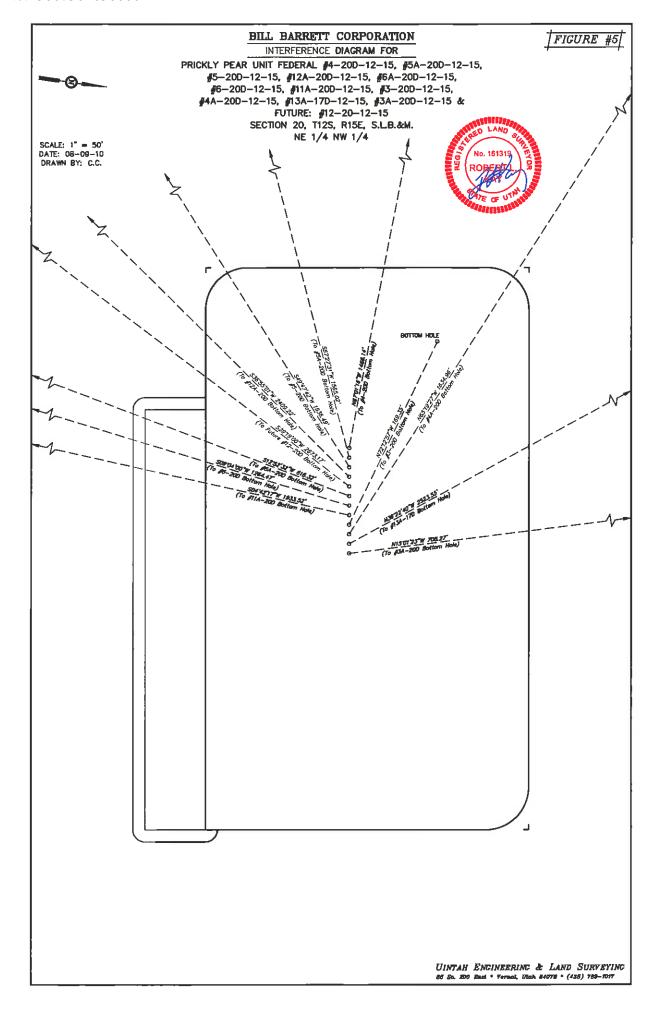
Michael L. Coulthard

Digitally signed by Michael L. Coulthard

DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
ou=Branch of Minerals, email=Michael\_Coulthard@blm.gov, c=US
Date: 2010.11.30 10:04:55-07'00'

bcc: File - Prickly Pear Unit Division of Oil Gas and Mining Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:11-30-10

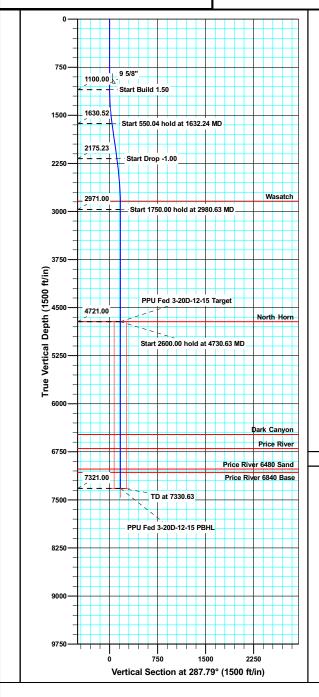


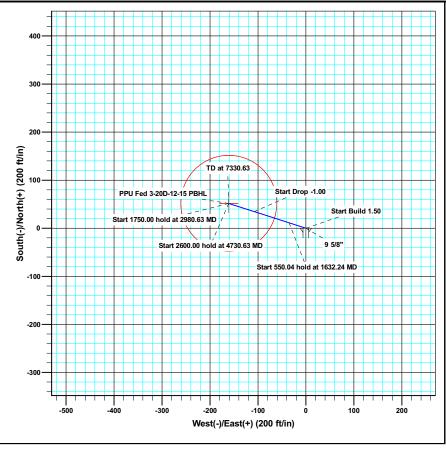


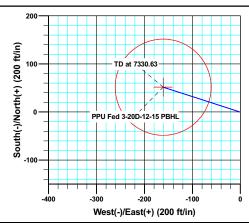
WELL DETAILS: Prickly Pear Unit Fed #3-20D-12-15

US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

Ground Level: 7505.80 +N/-S +E/-W Northing Longitude 0.00 523675.86 2348123.04 39° 45' 52.18 N 110° 15' 41.54 W







Azimuths to True North Magnetic North: 11.42° Magnetic Field Strength: 52174.3sn7 Dip Angle: 65.55 Date: 10/13/2010 Model: IGRF200510

SECTION	DETAILS
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MD	Inc	Azı	טעו	+N/-S	+E/-VV	Dieg	I Face	VSect	larget
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	
1632.24	7.98	287.79	1630.52	11.31	-35.25	1.50	287.79	37.02	
2182.28	7.98	287.79	2175.23	34.65	-107.99	0.00	0.00	113.42	
2980.63	0.00	0.00	2971.00	51.61	-160.87	1.00	180.00	168.95	
4730.63	0.00	0.00	4721.00	51.61	-160.87	0.00	0.00	168.95	PPU Fed 3-20D-12-15 Target
7330.63	0.00	0.00	7321.00	51.61	-160.87	0.00	0.00	168.95	PPU Fed 3-20D-12-15 PBHL



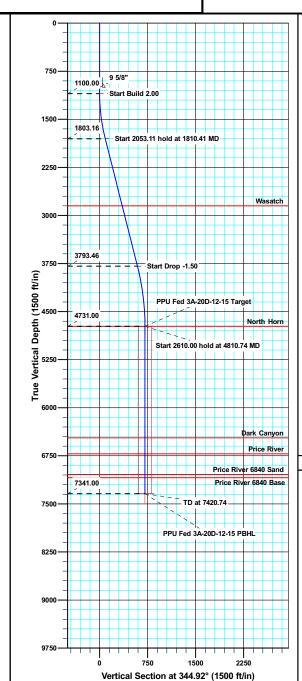


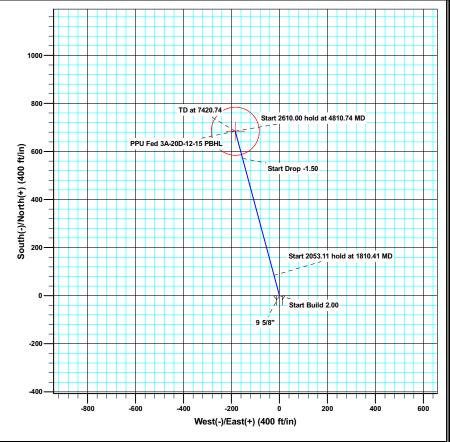
WELL DETAILS: Prickly Pear Unit Fed #3A-20D-12-15

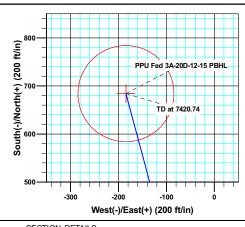
US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

Ground Level: 7505.80

+N/-S +E/-W Northing Easting Latittude Longitude 0.00 0.00 523679.23 2348147.20 39° 45' 52.21 N 110° 15' 41.23 W







Azimuths to True North Magnetic North: 11.42° Magnetic Field Strength: 52174.3snT Dip Angle: 65.55°

Date: 10/13/2010 Model: IGRF200510

MD	Inc	Azı	IVD	+N/-S	+E/-VV	Dieg	rrace	VSect	larget
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	
1810.41	14.21	344.92	1803.16	84.62	-22.80	2.00	344.92	87.63	
3863.52	14.21	344.92	3793.46	571.20	-153.89	0.00	0.00	591.56	
4810.74	0.00	0.00	4731.00	684.02	-184.29	1.50	180.00	708.41	PPU Fed 3A-20D-12-15 Target
7420.74	0.00	0.00	7341.00	684.02	-184.29	0.00	0.00	708.41	PPU Fed 3A-20D-12-15 PBHL

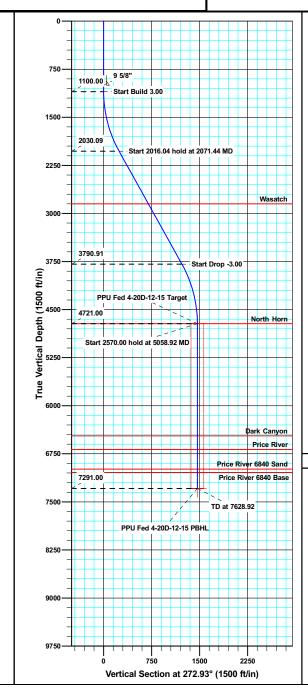


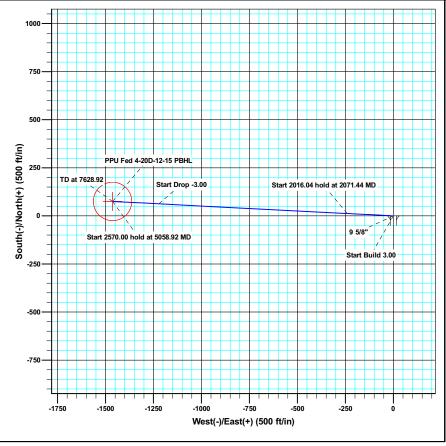


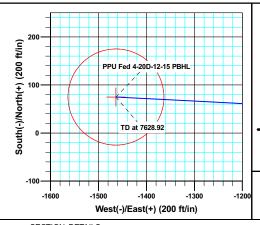
WELL DETAILS: Prickly Pear Unit Fed #4-20D-12-15

US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

Ground Level: 7505.80 ng Easting Latittude Northing +N/-S +F/-W Longitude Easting 0.00 0.00 523665.89 2348059.92 39° 45' 52.09 N 110° 15' 42.35 W







Azimuths to True North Magnetic North: 11.42° Magnetic Field Strength: 52174.5sn7 Dip Angle: 65.55

Date: 10/12/2010 Model: IGRF200510

MD	inc	AZI	טעו	+11/-5	+ <u>L</u> /-VV	Dieg	rrace	vSect	rarget
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	
2071.44	29.14	272.93	2030.09	12.36	-241.46	3.00	272.93	241.78	
4087.48	29.14	272.93	3790.91	62.56	-1221.98	0.00	0.00	1223.58	
5058.92	0.00	0.00	4721.00	74.92	-1463.44	3.00	180.00	1465.36	PPU Fed 4-20D-12-15 Target
7628.92	0.00	0.00	7291.00	74.92	-1463.44	0.00	0.00	1465.36	PPU Fed 4-20D-12-15 PBHL

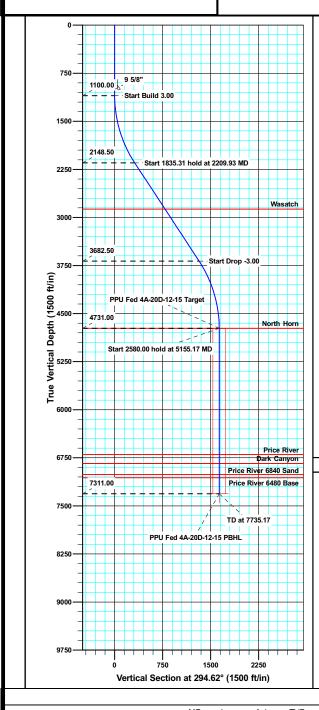


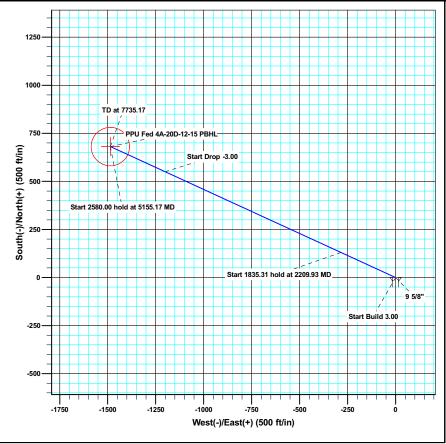


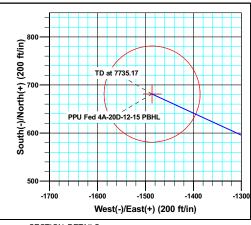
WELL DETAILS: Prickly Pear Unit Fed #4A-20D-12-15

US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

Ground Level: 7505.80 ng Easting Latittude Northing +N/-S +F/-W Longitude Easting 0.00 0.00 523676.99 2348131.61 39° 45' 52.19 N 110° 15' 41.43 W







Azimuths to True North Magnetic North: 11.42° Magnetic Field Strength: 52174.3sn7

Dip Angle: 65.55 Date: 10/13/2010 Model: IGRF200510

SECTION DETA	ILS
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MD	Inc	Azı	IVD	+N/-S	+E/-VV	Dieg	Thace	vSect	larget
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	
2209.93	33.30	294.62	2148.50	130.63	-285.04	3.00	294.62	313.55	
4045.24	33.30	294.62	3682.50	550.40	-1201.01	0.00	0.00	1321.12	
5155.17	0.00	0.00	4731.00	681.03	-1486.05	3.00	180.00	1634.67	PPU Fed 4A-20D-12-15 Target
7735.17	0.00	0.00	7311.00	681.03	-1486.05	0.00	0.00	1634.67	PPU Fed 4A-20D-12-15 PBHL



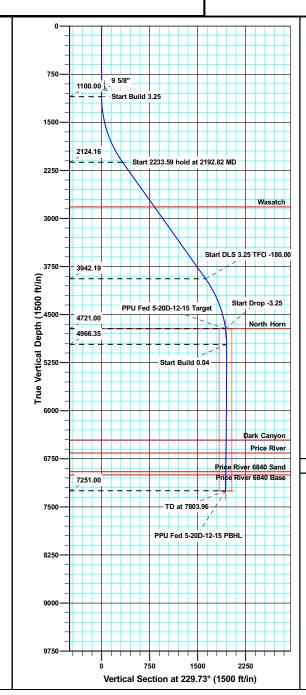


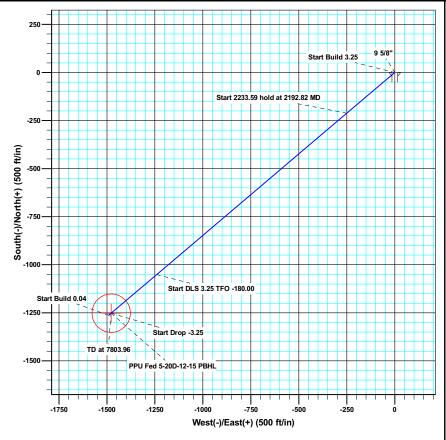
WELL DETAILS: Prickly Pear Unit Fed #5-20D-12-15

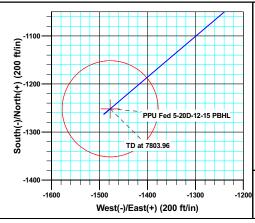
US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

Ground Level: 7505.80 ng Easting Latittude

Northing +N/-S +F/-W Longitude Easting 0.00 0.00 523669.14 2348076.28 39° 45' 52.12 N 110° 15' 42.14 W







Azimuths to True North Magnetic North: 11.42° Magnetic Field Strength: 52174.3sn7

Dip Angle: 65.55 Date: 10/13/2010 Model: IGRF200510

MD	Inc	Azı	טעו	+N/-S	+E/-W	Dleg	I Face	VSect	larget
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	
2192.82	35.52	229.73	2124.16	-212.00	-250.28	3.25	229.73	328.00	
4426.41	35.52	229.73	3942.19	-1050.69	-1240.39	0.00	0.00	1625.58	
5273.07	8.00	229.73	4721.00	-1251.60	-1477.57	3.25	-180.00	1936.42	PPU Fed 5-20D-12-15 Target
5519.23	0.00	0.00	4966.35	-1262.69	-1490.66	3.25	180.00	1953.58	
7803.96	0.86	49.73	7251.00	-1251.60	-1477.57	0.04	49.73	1936.42	PPU Fed 5-20D-12-15 PBHL

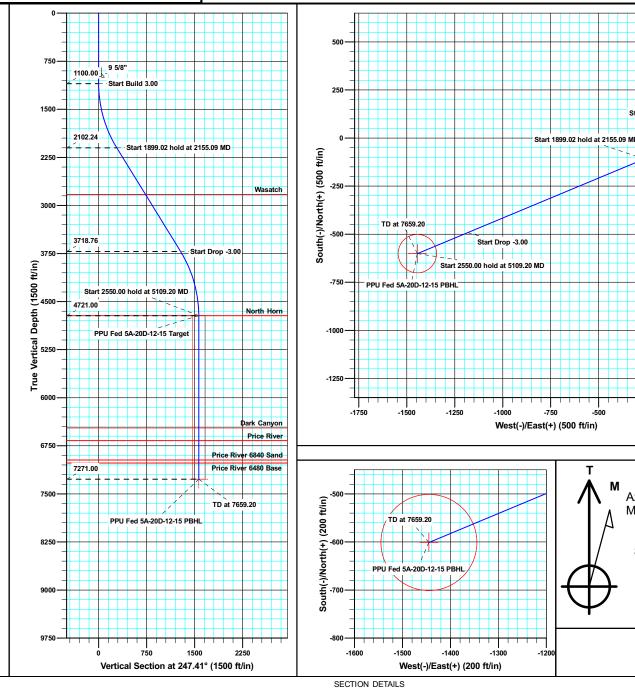




WELL DETAILS: Prickly Pear Unit Fed #5A-20D-12-15

US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

Ground Level: 7505.80 ng Easting Latittude Northing Longitude +N/-S +E/-W Easting 0.00 0.00 523667.01 2348068.50 39° 45' 52.10 N 110° 15' 42.24 W



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outh(-)/North(+) (200 ft/in)	Azimuths to True Nort
Ë -	
# -	Magnetic North: 11.42
8	TD at 7659.20
Õ –	Magnetic Eigl
<b>∓</b> -600	Magnetic Fiel
÷ +	// Strength: 52174.3sn
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ž -	PPU Fed 5A-20D-12-15 PBHL DIP All gie. 00.00
	Date: 10/13/201
¥ -700—	Model: IGRF20051
2 _	Widdel: IGIXI 20031

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	
2155.09	31.65	247.41	2102.24	-109.12	-262.31	3.00	247.41	284.10	
4054.11	31.65	247.41	3718.76	-491.87	-1182.42	0.00	0.00	1280.65	
5109.20	0.00	0.00	4721.00	-600.99				1564.75	PPU Fed 5A-20D-12-15 Target
7659.20	0.00	0.00	7271.00	-600.99	-1444.74	0.00	0.00	1564.75	PPU Fed 5A-20D-12-15 PBHL

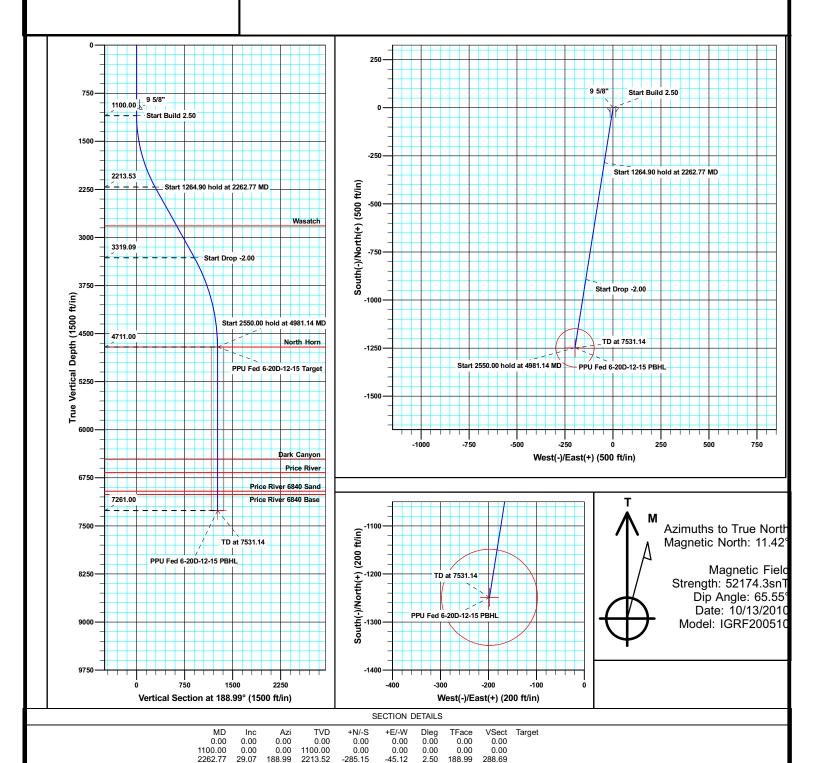




WELL DETAILS: Prickly Pear Unit Fed #6-20D-12-15

US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

Ground Level: 7505.80
Easting Latittude Northing +N/-S +F/-W Longitude 0.00 0.00 523673.61 2348107.45 39° 45' 52.16 N 110° 15' 41.74 W





-141.18

-197 58

903.27

30.00 1264.14 PPU Fed 6-20D-12-15 Target 0.00 1264.14 PPU Fed 6-20D-12-15 PBHL

180 00

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3319.10 4711.00

7261.00

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4981 14

29.07

0.00

188.99

0.00

-892.17 -1248.60

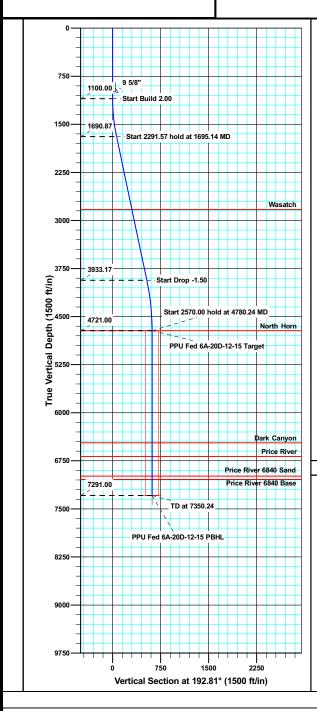
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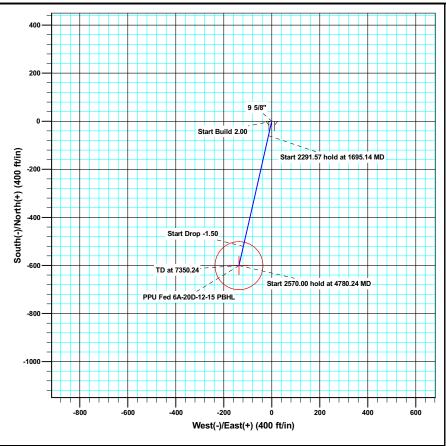


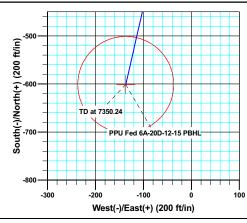
WELL DETAILS: Prickly Pear Unit Fed #6A-20D-12-15

US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

Ground Level: 7505.80 ng Easting Latittude Northing +N/-S +F/-W Longitude Easting 0.00 0.00 523672.50 2348099.66 39° 45' 52.15 N 110° 15' 41.84 W







Azimuths to True North Magnetic North: 11.42°

> Magnetic Field Strength: 52174.3sn7 Dip Angle: 65.55 Date: 10/13/2010 Model: IGRF200510

SECT	ON	DF	TAIL S	3

MD	inc	AZI	טעו	+IV/-5	+ <u>L</u> /-VV	Dieg	rrace	vSect	iarget
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	
1695.14	11.90	192.81	1690.87	-60.06	-13.66	2.00	192.81	61.60	
3986.71	11.90	192.81	3933.17	-520.94	-118.45	0.00	0.00	534.24	
4780.24	0.00	0.00	4721.00	-601.03	-136.66	1.50	180.00	616.37	PPU Fed 6A-20D-12-15 Target
7350.24	0.00	0.00	7291.00	-601.03	-136.66	0.00	0.00	616.37	PPU Fed 6A-20D-12-15 PBHL



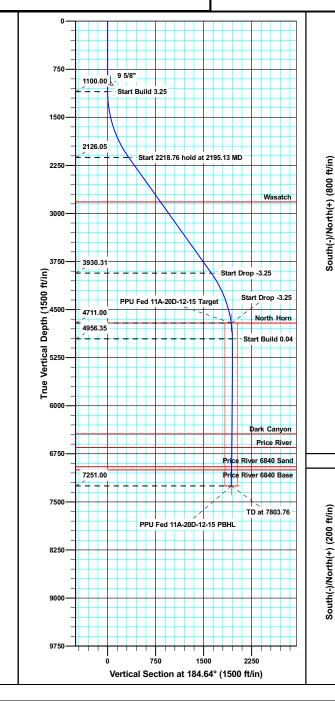


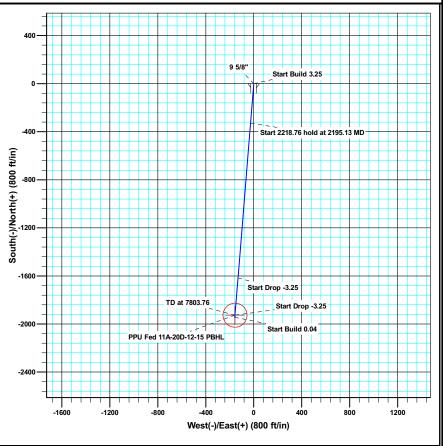
WELL DETAILS: Prickly Pear Unit Fed #11A-20D-12-15

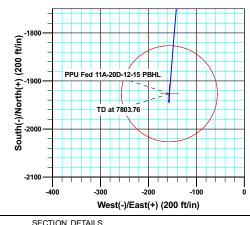
US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

Ground Level: 7505.80

Latittude +N/-S +E/-W Northing Easting Longitude 0.00 523674.74 2348115.25 39° 45' 52.17 N 110° 15' 41.64 W







Azimuths to True North Magnetic North: 11.42° Magnetic Field Strength: 52174.3sn7 Dip Angle: 65.55 Date: 10/13/2010 Model: IGRF200510

IVID	IIIC	74	1 4 0	114/-0	· L/-VV	Dieg	II ace	V OCCI	iaiyet
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	
2195.13	35.59	184.64	2126.05	-328.27	-26.61	3.25	184.64	329.35	
4413.89	35.59	184.64	3930.31	-1615.38	-130.97	0.00	0.00	1620.68	
5262.87	8.00	184.64	4711.00	-1926.55	-156.20	3.25	180.00	1932.87	PPU Fed 11A-20D-12-15 Target
5509.03	0.00	0.00	4956.35	-1943.65	-157.58	3.25	180.00	1950.03	
7803.76	0.86	4.64	7251.00	-1926.55	-156.20	0.04	4.64	1932.87	PPU Fed 11A-20D-12-15 PBHL



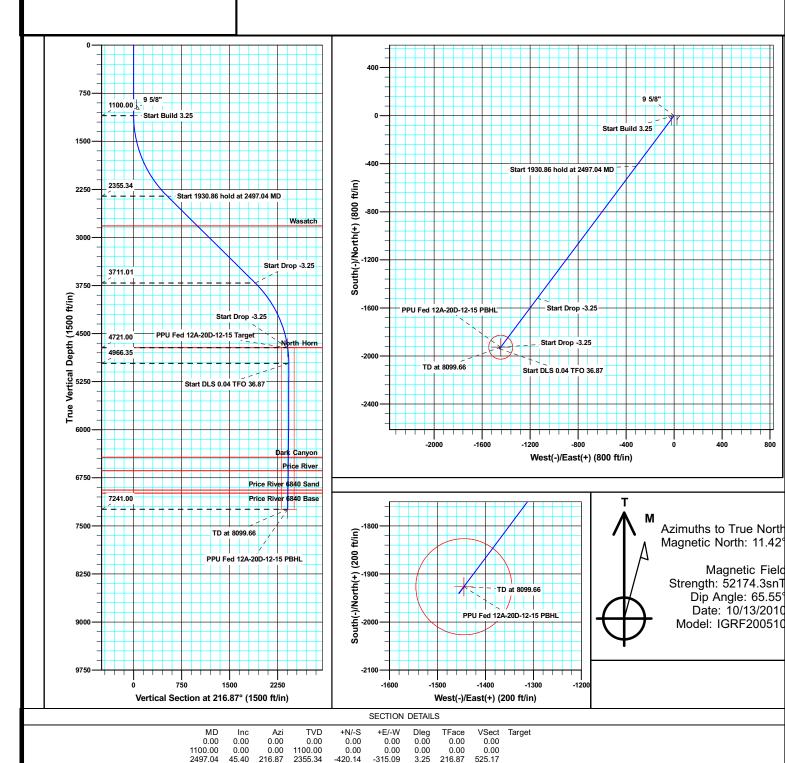


WELL DETAILS: Prickly Pear Unit Fed #12A-20D-12-15

US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

Ground Level: 7505.80

Easting Latittude +N/-S +F/-W Northing Longitude 523669.24 2348084.09 39° 45' 52.12 N 110° 15' 42.04 W 0.00 0.00





-420.14

-1520.08

-1926 50

-1926.50

216.87

216.87

216.87 0.00

36.87

3711.01

4721 00

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45.40

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8099.66

-315.09

-1140.01 -1444.81

-1444.81

216.87

0.00

3.25

0.00

3.25

0.04

525.17

1900.07 2408.09

36.87 2408.09

PPU Fed 12A-20D-12-15 Target

PPU Fed 12A-20D-12-15 PBHL



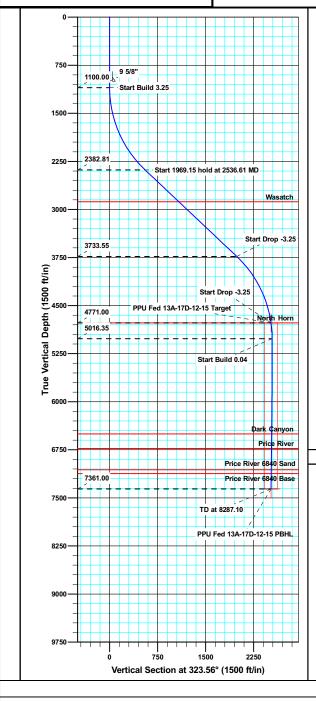
WELL DETAILS: Prickly Pear Unit Fed #13A-17D-12-15

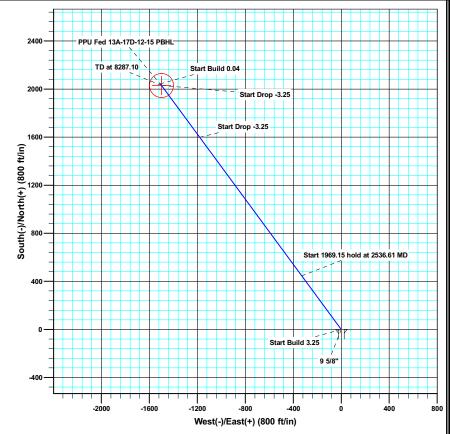
US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

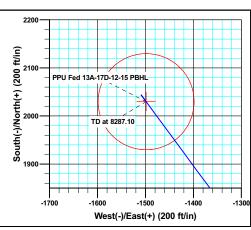
Ground Level: 7505.80

Latittude +N/-S +F/-W Northing Easting Longitude









Azimuths to True North Magnetic North: 11.42° Magnetic Field Strength: 52174.3sn7 Dip Angle: 65.55 Date: 10/13/2010

Model: IGRF200510

SECTION	DETAILS	

MD	Inc	Azı	IVD	+N/-S	+E/-VV	Dleg	I Face	VSect	larget
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	
2536.61	46.69	323.56	2382.81	445.43	-328.83	3.25	323.56	553.66	
4505.76	46.69	323.56	3733.55	1598.20	-1179.83	0.00	0.00	1986.51	
5696.21	8.00	323.56	4771.00	2029.82	-1498.46	3.25	180.00	2523.01	PPU Fed 13A-17D-12-15 Target
5942.37	0.00	0.00	5016.35	2043.63	-1508.65	3.25	180.00	2540.17	
8287.10	0.84	143.56	7361.00	2029.82	-1498.46	0.04	143.56	2523.01	PPU Fed 13A-17D-12-15 PBHL



## WORKSHEET APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 11/19/2010 **API NO. ASSIGNED:** 43007501050000 WELL NAME: Prickly Pear Unit Fed 6A-20D-12-15 **OPERATOR:** BILL BARRETT CORP (N2165) **PHONE NUMBER:** 303 293-9100 **CONTACT:** Elaine Winick PROPOSED LOCATION: NENW 20 120S 150E **Permit Tech Review: SURFACE:** 0738 FNL 2161 FWL **Engineering Review: BOTTOM:** 1338 FNL 2026 FWL Geology Review: **COUNTY: CARBON LATITUDE: 39.76444 LONGITUDE:** -110.26146 UTM SURF EASTINGS: 563260.00 **NORTHINGS: 4401664.00** FIELD NAME: NINE MILE CANYON LEASE TYPE: 1 - Federal **LEASE NUMBER: UTU 73669** PROPOSED PRODUCING FORMATION(S): MESA VERDE SURFACE OWNER: 1 - Federal **COALBED METHANE: NO RECEIVED AND/OR REVIEWED: LOCATION AND SITING:**  PLAT R649-2-3. Unit: PRICKLY PEAR Bond: FEDERAL - WYB000040 R649-3-2. General **Potash** Oil Shale 190-5 Oil Shale 190-3 R649-3-3. Exception Oil Shale 190-13 **Drilling Unit** Board Cause No: Cause 256-1 Water Permit: Nine Mile Creek **Effective Date:** 12/16/2004 **RDCC Review:** Siting: Suspends General Siting **Fee Surface Agreement Intent to Commingle** ▼ R649-3-11. Directional Drill

**Comments:** Presite Completed

**Commingling Approved** 

**Stipulations:** 4 - Federal Approval - dmason

15 - Directional - dmason

API Well No: 43007501050000



# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

## **Permit To Drill**

\*\*\*\*\*

Well Name: Prickly Pear Unit Fed 6A-20D-12-15

**API Well Number:** 43007501050000

**Lease Number:** UTU 73669 **Surface Owner:** FEDERAL **Approval Date:** 12/6/2010

## **Issued to:**

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

## **Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 256-1. The expected producing formation or pool is the MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

## **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

## General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

## **Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

## **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

 Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available) OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

## **Reporting Requirements:**

API Well No: 43007501050000

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

**Approved By:** 

For John Rogers Associate Director, Oil & Gas

			FORM 9			
	STATE OF UTAH		FORM 9			
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73669			
SUNDI	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
	osals to drill new wells, significantly deepen ugged wells, or to drill horizontal laterals. U s.		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 6A-20D-12-15			
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007501050000			
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , [		NE NUMBER: 2-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0738 FNL 2161 FWL			COUNTY: CARBON			
QTR/QTR, SECTION, TOWNSH	IP, RANGE, MERIDIAN: ) Township: 12.0S Range: 15.0E Meridian: 9	S	STATE: UTAH			
11. CHE	ECK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT	, OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME			
	☐ CHANGE WELL STATUS	✓ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION			
Date of Work Completion:	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK			
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON			
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL			
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION			
Report Date.	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:			
			volumes, etc.			
In accordance with Utah Division of Oil, Gas, and Mining's Rule 649-3-22, Completion Into Two or More Pools, BBC is submitting this sundry to request commingling approval for the Wasatch and Mesaverde formations. Gas composition is similar across all formations. The pressure profile across the formations is similar and BBC does not anticipate any cross flow. Production is considered to be from one pool. In the event that allocation by zone or Date:  101/24/2011						
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst				
SIGNATURE N/A		DATE 12/29/2010				



## **AFFIDAVIT**

My name is Vicki L. Wambolt and I am a Landman with Bill Barrett Corporation (BBC). BBC has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde formations in the Prickly Pear Unit Federal 3A-20D-12-15, 13A-17D-12-15, 4A-20D-12-15, 3-20D-2-15, 11A-20D-12-15, 6-20D-12-15, 6A-20D-12-15, 12A-20D-12-15, 5-20D-12-15, 5A-20D-12-15 & 4-20D-12-15 wells drilled from a pad located in the NW of Section 20, Township 12 South, Range 15 East. In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the Sundry Notices, by certified mail, to the owners as listed below of all contiguous oil and gas leases or drilling units overlying the pool.

State of Utah, acting by and through the School and Institutional Trust Lands Administration 675 East 500 South, Suite 500 Salt Lake City, UT 84102

Bureau of Land Management Price Field Office 125 South 600 West Price, Utah 84501

XTO Energy, Inc. 810 Houston St. Fort Worth, TX 76102-6298

Date: December 28, 2010

Affiant -

Vicki L. Wambolt, Landman Bill Barrett Corporation

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420



Utah Division of Oil, Gas & Mining 1594 W. North Temple, Suite 1210 Salt Lake City, UT 84116 Attention: Dustin Doucet

RE:

Sundry Notices Prickly Pear Unit

Sections 20 & 17 T12S R15E

Carbon Co., UT

Bill Barrett Corporation (BBC) has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde formations in the Prickly Pear Unit Federal 3A-20D-12-15, 13A-17D-12-15, 4A-20D-12-15, 3-20D-2-15, 11A-20D-12-15, 6-20D-12-15, 6A-20D-12-15, 12A-20D-12-15, 5-20D-12-15, 5A-20D-12-15 & 4-20D-12-15 wells drilled from a pad located in the NW of Section 20, Township 12 South, Range 15 East.

We enclose herewith copies of the Sundry Notices together with a plat showing the leases and wells in the area and affidavit confirming notice pursuant to the Utah OGM regulations.

Should you require additional information in this regard, please feel free to contact me at 303-312-8513 or <a href="mailto:vwambolt@billbarrettcorp.com">vwambolt@billbarrettcorp.com</a>.

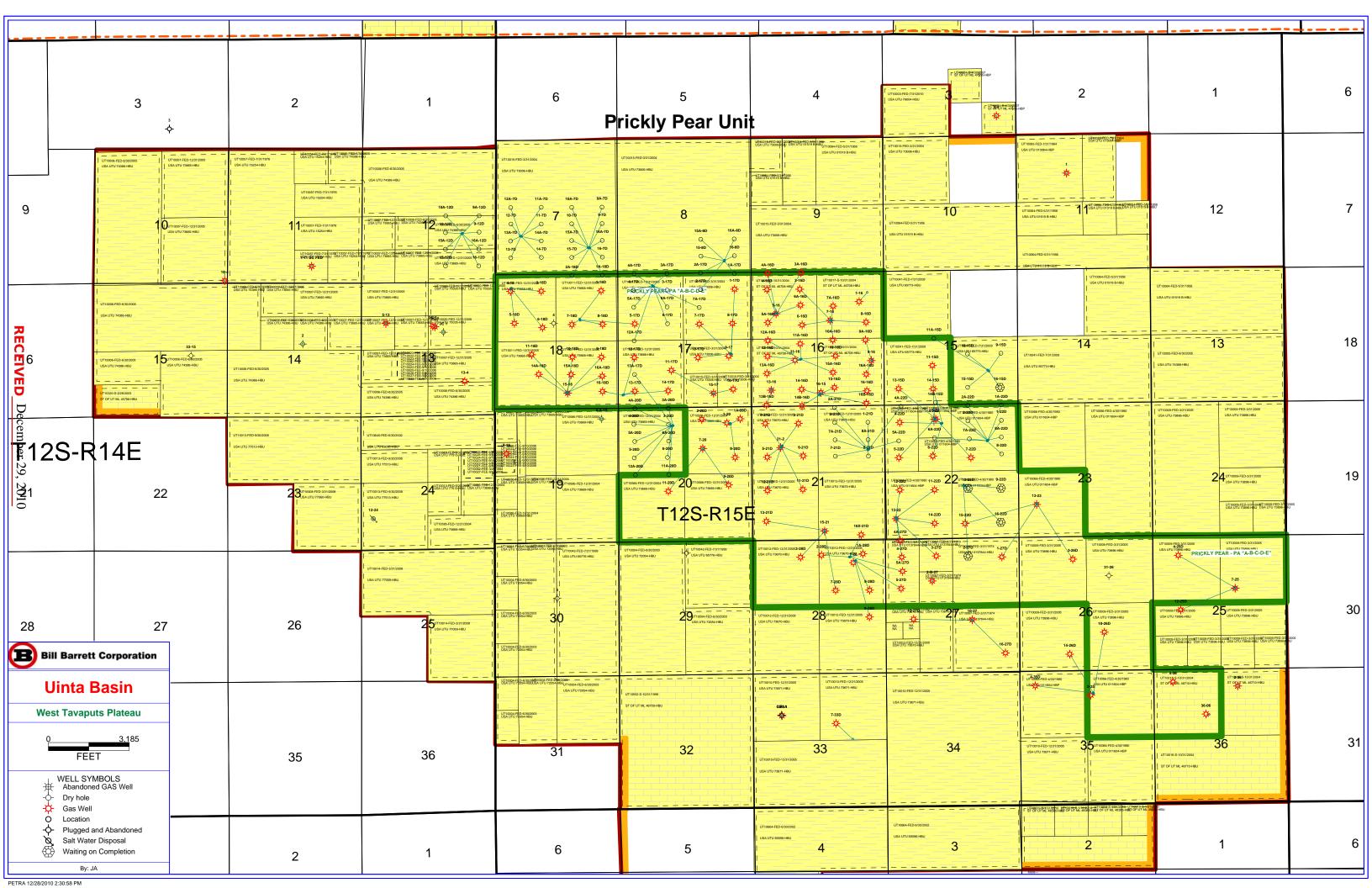
**BILL BARRETT CORPORATION** 

Vicki L. Wambolt

Landman

**Enclosures** 

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420





Bureau of Land Management Price Field Office 125 South 600 West Price, UT 84501 Attention: Marvin Hendricks Certified Mail 7010 1870 0000 4533 4409

RE: Sundry Notices

Prickly Pear Unit

Sections 20 & 17 T12S R15E

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As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8513 or <a href="mailto:vwambolt@billbarrettcorp.com">vwambolt@billbarrettcorp.com</a>.

BILL BARRETT CORPORATION

Vicki L. Wambolt

Landman

**Enclosures** 

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100

303,291,0420



State of Utah Certified Mail 7010 2780 0002 8737 7887 School and Institutional Trust Lands Administration 675 East 500 South, Suite 500 Salt Lake City, UT 84102 Attention: LaVonne Garrison

RE: Sundry Notices

Prickly Pear Unit

Sections 20 & 17 T12S R15E

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**BILL BARRETT CORPORATION** 

Choty July Balt Vicki L. Wambolt

Landman

**Enclosures** 

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100

303.291.0420



Shannon Nichols XTO Energy, Inc. 810 Houston St. Fort Worth, TX 76102-6298 Certified Mail 7010 2780 0002 8737 7894

RE: Sundry Notices

Prickly Pear Unit

Sections 20 & 17 T12S R15E

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BILL BARRETT CORPORATION

Vicki L. Wambolt

Landman

**Enclosures** 

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

## **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**



FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

Э.	Lease Serial No.
	UTU73669

6.	If Indian,	Allottee	or	Tribe	Name

1a. Type of Work: DRILL REENTER		7. If Unit or CA Agreement, UTU79487X	, Name and No.
lb. Type of Well: ☐ Oil Well     Gas Well   ☐ Otl		Lease Name and Well No PRICKLY PEAR UNIT	). FEDERAL 6A-20D 12-1 <b>5</b>
Name of Operator Contact: BILL BARRETT CORPORATION E-Mail: ewinick(	ELAINE WINICK @billbarrettcorp.com	9. API Well No.	
3a. Address 1099 18TH STREET SUITE 2300 DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303.312.8168 Fx: 303.291.0420	10. Field and Pool, or Explo PRICKLY PEAR	pratory
4. Location of Well (Report location clearly and in according	ance with any State requirements.*)	11. Sec., T., R., M., or Blk.	and Survey or Area
At surface NENW 738FNL 2161FWL		Sec 20 T12S R15E	Mer SLB
At proposed prod. zone SENW 1338FNL 2026FWI	<u>.</u>	SME: BLM	
<ol> <li>Distance in miles and direction from nearest town or post 45 MILES SOUTH OF MYTON, UT</li> </ol>	office*	12. County or Parish CARBON	13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of Acres in Lease	17. Spacing Unit dedicated	to this well
1338' LEASE, 11680' UNIT	1200.61	20.00	
<ol> <li>Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.</li> </ol>	19. Proposed Depth	20. BLM/BIA Bond No. on	file
649'	7600 MD 7550 TVD	WYB000040	
21. Elevations (Show whether DF, KB, RT, GL, etc. 7510 GL	22. Approximate date work will start 08/01/2011	23. Estimated duration 40 DAYS (D&C)	
	24. Attachments	,	
The following, completed in accordance with the requirements of	f Onshore Oil and Gas Order No. 1, shall be attached to	this form:	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Off</li> </ol>	em Lands, the Item 20 above).	ons unless covered by an existing	
25. Signature (Electronic Submission)	Name (Printed/Typed) ELAINE WINICK Ph: 303.312.8168		Date 11/19/2010
Title SENIOR PERMIT ANALYST		•	-
Approved by (Signature)	Name (Printed/Typed) Tulie Howa	1	Date 6   14   11
AFM LANDS & MINERALS	Office PRICE FIELD C		
Application approval does not warrant or certify the applicant ho	lds legal or equitable title to those rights in the subject le	ease which would entitle the ap	plicant to conduct

Additional Operator Remarks (see next page)

Electronic Submission #97807 verified by the BLM Well Information System For BILL BARRETT CORPORATION, sent to the Moab
Committed to AFMSS for processing by ANITA JONES on 11/22/2010 (11AIJ0128AE)

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED JUN 2 3 2011

NOTICE OF **APPROVAL** 

Conditions of approval, if any, are attached.

operations thereon.

CONDITIONS OF APPROVAL ATTACHEDOIL, GAS & MINING



## UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT** PRICE FIELD OFFICE



**125 SOUTH 600 WEST** 

**PRICE. UT 84501** 

(435) 636-3600

## CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

Bill Barrett Corporation

Surface Location: NENW-Sec 20-T12S-R15E

Well No:

Prickly Pear Unit Federal 6A-20D-12-15 Lease No:

UTU-73669

API No:

43-007-50105

Agreement:

UTU-79487X

**OFFICE NUMBER:** 

(435) 636-3600

**OFFICE FAX NUMBER:** 

(435) 636-3657

## A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

## **NOTIFICATION REQUIREMENTS**

Location Construction (Notify NRS)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS)	_	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Petroleum Eng. Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Petroleum Eng. Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

RECEIVED

JUN 23 2011

Page 2 of 7 Date: 6/13/2011 Well: Prickly Pear Unit Federal 6A-20D-12-15

## DRILLING PROGRAM CONDITIONS OF APPROVAL (COAs)

## SITE SPECIFIC DRILLING & PRODUCTION COAS

- While drilling the surface hole with air, a float valve shall be run above the bit, per Onshore Order #2 Part III.E Special Drilling Operations.
- When cementing the surface casing, if cement returns are not seen at the surface, additional
  mitigation measures shall be undertaken to ensure the groundwater and all usable waters are
  properly protected per Onshore Order #2 Part III.B.1(c) Casing and Cementing Requirements. A
  cement bond log (CBL) shall be run on the surface casing after the remediation work is done,
  and a digital copy sent to the Price Field Office petroleum engineer within one day following
  logging operations. Cement jobs reaching surface, then fall back, shall be topped off.
- When cementing the production casing, the cement job shall contain sufficient volume to attempt full coverage behind pipe to protect all usable waters, loss circulation zones and other minerals which may be encountered while drilling to total depth, and also provide a 200' foot overlap above the surface casing shoe. A cement bond log (CBL) shall be run to determine the top of cement behind the production casing, and a field copy sent to the Price Field Office.
- A complete set of angular deviation and directional surveys for this directional well will be submitted to the Price Field Office petroleum engineer within 30 days of completing the well.
- A copy of the approved Application for Permit to Drill (APD) for this well shall be on location at all times once drilling operations have commenced.

### **VARIANCES GRANTED**

- BBC's request for variance to not use de-duster equipment (Onshore Order #2 Part III.E Special Drilling Operations) is granted, unless the air/mist system is not used.
- BBC's request for variance to use an electronic flow meter for gas measurement (Onshore Order #5 Measurement of Gas) is granted as long as it meets or exceeds the requirements of Utah NTL 2007-1 regarding the use of Electronic Flow Computers.
- BBC's request for variance from Onshore Order #5 Part III.C.3 Gas Measurement by Orifice Meter to use a flow conditioner on this well instead of straightening vanes is approved with the following conditions:
  - 1. Flow conditioners must be installed in accordance with the manufacturer's specifications.
  - 2. The make, model, and location of flow conditioner must be clearly identified and available to BLM on-site at all times.
  - 3. This is a provisional approval that is subject to change pending final review and analysis by BLM. If BLM determines that this flow conditioner cannot meet or exceed the minimum standards required by Onshore Order #5, you will be required to retrofit the installation to comply with BLM requirements, or replace the installation with one that complies with AGA Report Number 3, 1985. The time frame for compliance will be specified by the Price Field Office.

Page 3 of 7 Date: 6/13/2011

Well: Prickly Pear Unit Federal 6A-20D-12-15

## STANDARD OPERATING REQUIREMENTS

- The requirements included in Onshore Order #2 Drilling Operations shall be followed.
- The Price Field Office petroleum engineer will be notified 24 hours verbally prior to spudding the well.
- Notify the Price Field Office petroleum engineering technician at least 24 hours in advance of casing cementing operations, BOPE tests and casing pressure or mud weight equivalency tests.
- Should H<sub>2</sub>S be encountered in concentrations greater than 100 ppm, the requirements of Onshore Order #6 Hydrogen Sulfide Operations shall be followed.
- Any deviation from the permitted APD's proposed drilling program shall have prior approval from the petroleum engineer. Changes may be requested verbally (to be followed by a written sundry sent to this office), or submitted by written sundry if time warrants.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed. The
  closing unit controls shall remain unobstructed and readily accessible at all times, and choke
  manifolds shall be located outside of the rig substructure.
- BOP testing shall be conducted within 24 hours of drilling out from under the surface casing, and weekly thereafter as specified in Onshore Order #2.
- All BOPE components shall be inspected daily, and the inspections recorded in the daily drilling report. Components shall be operated and tested, as required by Onshore Order #2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder, and not by the rig pumps. Test results shall be reported in the driller's log.
- All casing strings below the conductor pipe shall be pressure tested to .22 psi/foot or 1500 psi (whichever is greater), but not to exceed 70% of the internal yield pressure.
- No aggressive/fresh hard-banded drill pipe shall be used in the casing design. The proposed use of non-API standard casing must be approved in advance by the petroleum engineer.
- During drilling operations, daily drilling reports shall be submitted by sundry on a weekly basis to the Price Field Office. Within 30 days of finishing drilling and completion operations, a chronological daily operations history shall be submitted by sundry to this office.
- A copy of all logs run on this well shall be submitted digitally (in PDF or TIFF format) to the Price Field Office.
- The venting or flaring of gas while initially testing the well shall be done in accordance with the
  requirements specified in Notice to Lessees #4A, and shall not exceed a period of 30 days or
  the production of 50 MMCF of gas, whichever occurs first. Additional time needed to vent or
  flare gas during production operations requires prior approval from the Price Field Office.
- Should this well be successfully completed as a producing well, the Price Field Office must be notified within 5 business days following the date the well has first sales.

Page 4 of 7 Date: 6/13/2011

Well: Prickly Pear Unit Federal 6A-20D-12-15

## STANDARD OPERATING REQUIREMENTS (cont.)

- Proposed production operations that involve: 1) the commingling of production from wells located on-lease or off-lease, 2) off-lease measurement, or 3) off-lease storage shall have prior written approval from the Price Field Office.
- Operators shall meet the requirements listed in Onshore Order #4 Measurement of Oil and Onshore Order #5 Measurement of Gas. New oil and gas meters shall be calibrated prior to initial product sales. The operator (or its contractors) is responsible for providing the date and time of the initial meter calibration (and all future meter proving schedules) to the petroleum engineering technician. Copies of all meter calibration reports that are performed shall be submitted to the Price Field Office.
- In accordance with 43 CFR 3162.4-3, this well's production data shall be reported on the "Monthly Report of Operations" starting with the month in which operations commence and continue each month until the well is plugged and abandoned.
- The operator is responsible for submitting the information required in 43 CFR 3162.4-1 Well Records and Reports, including BLM Form 3160-4, Well Completion and Recompletion Report and Log which must be submitted to the Price Field Office within 30 days of completing the well.
- Onshore Order #7 authorizes the disposal of water produced from this well in the reserve pit for a period of 90 days after the date of initial production. A permanent disposal method must be submitted and approved by this office, and in operation prior to the end of this 90-day period.
- The requirements of Onshore Order #3 Site Security shall be implemented, and include (as applicable): 1) all lines entering and leaving hydrocarbon storage tanks shall be effectively sealed and seal records maintained, 2) no by-passes are allowed to be constructed around gas meters, 3) a site facility diagram shall be submitted to the Price Field Office within 60 days following construction of the facilities.
- Additional construction that is proposed, or the proposed alteration of existing facilities (including roads, gathering lines, batteries, etc.), which will result in the disturbance of new ground, requires prior approval of the Price Field Office natural resource specialist.
- This well and its associated facilities shall have identifying signs on location in accordance with 43 CFR 3162.6 requirements.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the Price Field Office natural resource specialist.
- The Price Field Office petroleum engineer shall be notified 24 hours in advance of the plugging
  of the well (unless the plugging is to take place immediately upon receipt of oral approval), so
  that a technician may have sufficient time to schedule and witness the plugging operations.
- If operations are to be suspended on a well for more than 30 days, prior approval of the Price Field Office shall be obtained, and notification also given before operations resume.

## SURFACE USE CONDITIONS OF APPROVAL

Project Name: BBC Prickly Pear NW 20 Pad

Operator: Bill Barrett Corporation

**List of Wells:** 

Name	Number	Section	TWP/RNG
Prickly Pear	3A-20D-12-15	20	12S / 15E
Prickly Pear Prickly Pear	13A-17D-12-15 4A-20D-12-15		
Prickly Pear	3-20D-12-15		
Prickly Pear	11A-20D-12-15		,
Prickly Pear	6-20D-12-15		
Prickly Pear	6A-20D-12-15		
Prickly Pear	12-20D-12-15		
Prickly Pear	12A-20D-12-15		
Prickly Pear	5-20D-12-15		•
Prickly Pear	5A-20D-12-15		
Prickly Pear	4-20D-12-15		

## I To be followed as Conditions of Approval:

The following attachments from the Record of Decision West Tavaputs Plateau Natural Gas Full Field Development Plan:

Attachment 2	Conditions of Approval and Stipulations
Attachment 3	Green River District Reclamation Guidelines
Attachment 4	Programmatic Agreement
Attachment 5	Special Protection Measures for Wildlife
Attachment 6	Agency Wildlife Mitigation Plan
Attachment 7	Long-Term Monitoring Plan for Water Resources
Attachment 8	Mitigation Compliance and Monitoring Plan

## Il Site Specific Conditions of Approval

- 1. A pre-construction field meeting may be conducted prior to beginning any dirt work approved under this APD. The operator shall contact Don Stephens with the Price BLM Field Office @ 435-636-3608 at least 48-hours prior to beginning operations so that the meeting can be scheduled. The operator is responsible for having all contractors present (dirt contractors, drilling contractor, pipeline contractor, project oversight personnel, etc.) including the overall field operations superintendent, and for providing all contractors copies of the approved APD(s), project map and BLM Conditions of Approval pertinent to the work that each will be doing.
- 2. The cuttings trench shall be lined.

Page 6 of 7 Date: 6/13/2011 Well: Prickly Pear Unit Federal 6A-20D-12-15

- 3. The cuttings shall not be removed from the location without prior approval of the Authorized Officer.
- 4. The operator shall on an annual basis report to the BLM the acre feet of water used for the project with a total for each type of source. This report shall contain the information found under monitoring on page 53 of attachment 9 (Biological Opinion) of the WTP ROD and shall be reported to BLM by September 15, of each year.
- 5. When water is pumped directly from Nine Mile Creek or perennial drainages, the following measures shall be applied to reduce or eliminate direct impacts to habitat for the Colorado River fish species. Where directed by the BLM, the operator will construct erosion control devices (e.g., riprap, bales, and heavy vegetation) at culvert outlets. All construction activities shall be performed to retain natural water flows.
- 6. Contact Don Stephens, Natural Resource Specialist, (435) 636-3608, Bureau of Land Management, Price Field Office, if there are any questions concerning these surface use COAs.

## III Standard Conditions of Approval

#### A. General

1. If any cultural values [sites, artifacts, human remains] are observed during operation of this lease/permit/right-of-way, they will be left intact and the Price Field Manager notified. The authorized officer will conduct an evaluation of the cultural values to establish appropriate mitigation, salvage or treatment. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized BLM officer (AO).

### **B.** Construction

- 1. Remove all available topsoil from constructed well locations including areas of cut and fill, and stockpile at the site. Topsoil will also be salvaged for use in reclamation on all other areas of surface disturbance (roads, pipelines, etc.). Clearly segregate topsoil from excess spoil material.
- 2. During construction, emissions of particulate matter from well pad and road construction would be minimized by application of water or other non-saline dust suppressants with at least 50 percent control efficiency. Dust inhibitors (surfacing materials, non-saline dust suppressants, and water) will be used as necessary on unpaved roads that present a fugitive dust problem. The use of chemical dust suppressants on public surface will require prior approval from the BLM Authorized Officer.
- 3. The operator shall submit a Sundry Notice (Form 3160-5) to BLM for approval prior to construction of any new surface disturbing activities that are not specifically addressed in the approved APD.

#### C. Operations/Maintenance

1. In accordance with OSHA requirements, a file will be maintained onsite containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds and/or substances which are used in the course of construction, drilling, completion and production operations.

Page 7 of 7 Date: 6/13/2011 Well: Prickly Pear Unit Federal 6A-20D-12-15

### D. Dry Hole/Reclamation

- 1. Phased reclamation plans will be submitted to BLM for approval prior to individual POD facility abandonment via a Notice of Intent (NOI) Sundry Notice.
- BLM will not release the performance bond until all disturbed areas associated with the APD/POD have been successfully revegetated (evaluation will be made after the second complete growing season) and has met all other reclamation goals of the surface owner and surface management agency.
- 3. A Notice of Intent to Abandon and a Subsequent Report of Abandonment must be submitted for abandonment approval.
- For performance bond release approval, a Final Abandonment Notice (with a surface owner release letter on split-estate) must be submitted prior to a final abandonment evaluation by BLM.

### E. Producing Well

- 1. An interim reclamation plan shall be submitted to BLM within 90 days of APD approval.
- 2. Upgrade and maintain access roads and drainage control (e.g., culverts, drainage dips, ditching, crowning, surfacing, etc.) as necessary and as directed by the BLM Authorized Officer to prevent soil erosion and accommodate safe, environmentally-sound access.
- 3. Prior to construction of production facilities not specifically addressed in the APD, the operator shall submit a Sundry Notice to the BLM Authorized Officer for approval.

## F. Roads and Pipelines

- 1. Roads constructed on BLM lands shall be constructed to allow for drainage and erosion control. The operator is responsible for maintenance of all roads authorized through the lease or right-of-way. Construction and maintenance shall comply with Class III Road Standards with a 16-ft wide graveled travel surface as described in BLM Manual Section 9113, and the BLM Gold Book standards, except as modified by BLM. Maintenance may include but is not limited to grading, applying gravel, snow removal, ditch cleaning, and headcut restoration/prevention.
- 2. The operator may be required to provide an inspector under the direction of a registered professional engineer (PE) at all times during road construction.
- 3. Erosion-control structures such as water bars, diversion channels, and terraces will be constructed to divert water and reduce soil erosion on the disturbed area. Road ditch turnouts shall be equipped with energy dissipaters as needed to avoid erosion. Where roads interrupt overland sheet-flow and convert this runoff to channel flow, ditch turnouts shall be designed to reconvert channel flow to sheet flow. As necessary cut banks, road drainages, and road crossings shall be armored or otherwise engineered to prevent headcutting.

## DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Cor	npany:	BILL BA	RRETT (	CORP			· · · · · · · · · · · · · · · · · · ·
Well Name	<b>:</b>	PRICKI	Y PEAR	U FED	6A-20D-	12-15	
Api No:	43-007-501	105	Leas	e Type_		<u>FEDERAL</u>	<u>-</u> _
Section 20	Township_	12S	Range <u>15</u>	<u>5E</u> (	County_	CARBON	
Drilling Cor	ntractor	TRIPLI	E A DRIL	LING	R	IG#	
SPUDDE	D:						
	Date	07/14/2	011	_			
	Time	4:00 A	М	_			
	How	DRY		_			
Drilling wi	II Commen	ce:					
Reported by_		JOI	OY SOUT	Н			·
Telephone #_		(43	5) 613-02'	75			
Date	07/14/2011	Signed	CH	<b>D</b>	· ·		

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE		FORM 9
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73669		
SUND	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposition bottom-hole depth, reenter plu DRILL form for such proposals.	7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR		
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: PRICKLY PEAR U FED 6A-20D-12-15		
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007501050000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D		NE NUMBER: 12-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0738 FNL 2161 FWL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 20	P, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian:	S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	□ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
✓ SPUD REPORT	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
Date of Spud: 7/17/2011	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
_	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	MPLETED OPERATIONS. Clearly show all per		volumes, etc.
This well was s	spud on 7/17/2011 at 2:00 pr	n by Triple A Drilling.	
			Accepted by the
		•	Utah Division of
			il, Gas and Mining
			R RECORD ONLY
		1 01	A RECORD ONLI
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	TITLE Permit Analyst	
SIGNATURE	303 312 0113	DATE	
N/A		7/18/2011	

## STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

## **ENTITY ACTION FORM**

zip 80202

Operator:

**Bill Barrett Corporation** 

Operator Account Number: N 2165

Address:

1099 18th Street, Suite 2300

city Denver

state CO

Phone Number: \_(303) 312-8115

#### Well 1

API Number	Well	QQ	Sec	Twp	Rng	County	
4300 <b>7</b> 50105	Prickly Pear Unit Federal 6a-20d-12-15		NENW	20	128	15E	Carbon
Action Code	Current Entity Number	New Entity Number	s	pud Da	te		y Assignment fective Date
Α	99999	18/05	7	/17/201	1	7/2	0/11

MURD = WSMUD

BHL: SENW

#### Well 2

API Number	Well	Well Name		Sec	Twp	Rng	Co	unty
4300750104	Prickly Pear Unit Federal 6-20d-12-15		NENW	20	128	15E	Ca	rbon
Action Code	Current Entity Number	New Entity Number	S	pud Da	te		ity Assig	
Α	99999	18/06	7	7/17/201	1	-	100	111
This well was spud by Triple A Drilling at 8:00 am.  This well was spud by Triple A Drilling at 8:00 am.  BH SENW								

#### Well 3

API Number	Well	QQ	Sec	Twp	Rng	County		
4300750106	Prickly Pear Unit Federal 11a-20d-12-15		NENW	20	128	15E	Carbon	
Action Code	Current Entity Number	New Entity Number	S	pud Da	te		ity Assignment ffective Date	
KB	99999	14794	7	//16/201	1	^	1/20/11	

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- **B** Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new RECEIVED
- E Other (Explain in 'comments' section)

JUL 1 8 2011

**Brady Riley** 

Digitally signed by Brady Riley
DN: cn=Brady Riley, o=Bill Barrett Corp, ou=Permi
Analyst, emall=briley@billbarrettcorp.com, c=US
Date: 2011.05.24 08:00.07 -06'00'

Date

Signature

Permit Analyst

7/18/2011

Title

## Carol Daniels - Prickly Pear 6A-20D surface spud TIAS RISE 5-20 43-00750105

Privaly Pear U Fed

From:

Jody South

To:

Angela Wadman, Carol Daniels, Dennis Ingram, Marvin, Wiler

Date:

7/29/2011 8:45 AM

Subject: Prickly Pear 6A-20D surface spud

CC:

Brady Riley, Doug Sproul, Tracey Fallang

This evening Bill Barrett Corp. will use the Pro Petro No. 5 air rig to spud surface on the Prickly Pear 6A-20D-12-15, API# 43-007-50105, then run casing and cement casing at approx. 9:00am tomorrow morning.

Jody South

RECEIVED AUG 0 1 2011

DIV. OF OIL, GAS & MINING

			FORM 9
	STATE OF UTAH DEPARTMENT OF NATURAL RESOUR		FORM 9
	<b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU 73669		
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for propos bottom-hole depth, reenter plu DRILL form for such proposals.	7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR		
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2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43007501050000		
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , D		ONE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0738 FNL 2161 FWL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 20	P, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian	n: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPORT	Γ, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
☐ SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	☐ PLUG AND ABANDON	PLUG BACK
SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
,	U TUBING REPAIR		WATER DISPOSAL
✓ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION
7/1/2011	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	MPLETED OPERATIONS. Clearly show all p to report: well spud. No oth	er monthly activity to repo	
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUMBE</b> 303 312-8115	R TITLE Permit Analyst	
SIGNATURE N/A		<b>DATE</b> 8/4/2011	

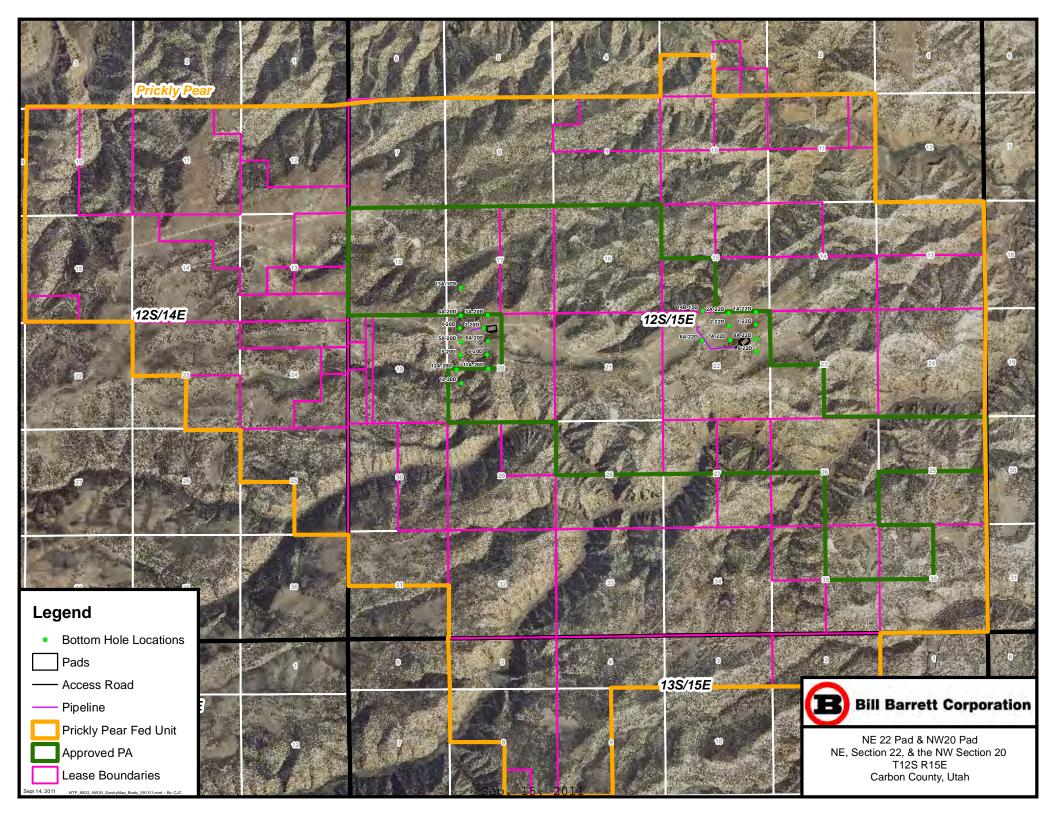
Sundry Number: 18237 API Well Number: 43007501050000

				FORM 9
	STATE OF UTAH DEPARTMENT OF NATURAL RESOUR	RCES		
	i	<b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU 73669		
SUNDR	RY NOTICES AND REPORT	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for propos bottom-hole depth, reenter plu DRILL form for such proposals.		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR		
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2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43007501050000		
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , D		PHONE NU 3 312-816		9. FIELD and POOL or WILDCAT: NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0738 FNL 2161 FWL				COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 20	P, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridia	ın: S		STATE: UTAH
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TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE	a	LTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	□ cı	HANGE TUBING	☐ CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	□ c	OMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FI	RACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	☐ P!	LUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	□ R	ECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	□ s:	IDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	□ v	ENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT     Report Date:	☐ WATER SHUTOFF	□ s:	I TA STATUS EXTENSION	APD EXTENSION
8/31/2011	☐ WILDCAT WELL DETERMINATION	□ o	THER	OTHER:
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all p	pertinent	details including dates, denths, v	olumes, etc.
	ust 2011 Monthly Drilling Ad	-	<del>-</del>	olumes, etc.
3	, ,	,		
				Accepted by the
				Jtah Division of I, Gas and Mining
				•
			FUR	R RECORD ONLY
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBE 303 312-8115	ER	TITLE Permit Analyst	
SIGNATURE	303 312 0113	$\rightarrow$	DATE	
N/A			9/6/2011	

Sundry Number: 1-8504 Approval of this: 43007501050000

Action is Necessary

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI		<b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU 73669
	RY NOTICES AND REPORTS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
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QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 20	IP, RANGE, MERIDIAN: ) Township: 12.0S Range: 15.0E Meridian	: S	STATE: UTAH
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TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	☐ ALTER CASING	CASING REPAIR
✓ NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
10/1/2011	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
bate of work completion.	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
,	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: production measuremen
	DMPLETED OPERATIONS. Clearly show all possible submitted to further clarify to		
	ed by the BLM as well as final		
wells on Prickly Pear	NW 20 pad (SEE ATTACHED)		Utah Division of
	with questions at 303-312-	-8115.	Oil, Gas and Mining
			Date: 09/28/2011
		E	Ву:
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	R TITLE Permit Analyst	
SIGNATURE		DATE	
N/A		9/15/2011	



Sundry Number: 18504 API Well Number: 43007501050000

## **General Well Testing**

Initial testing of wells would occur within 15 days of first sales and would be a 1-3 day test to get a baseline for allocation. After the initial test is performed, testing would occur within 90 days thereafter, testing each well for approximately 3 days and rotating through the wells without any downtime between tests.

As both Prickly Pear and Peter's Point have participating areas (PA) and wells drilled from each pad could include both PA and non-PA wells, specific procedures are implemented for these situations. PA and non-PA will always be measured separately and production would not be combined together within the same tanks. All wells drilled are within units. These procedures are as follows:

- 1) Isolate the PA test tank(s);
- 2) Transfer any remaining liquids from the test tank(s) to the PA production tank(s);
- 3) Strap the starting fluid levels in the test tank(s);
- 4) Note date and time of beginning test, document and record in eVIN;
- 5) Flow test well into test tank(s) for pre-determined period, not to be less than a 24 hour period;
- 6) Isolate the test tank(s), divert the test well's production to the in PA production tank(s);
- 7) Strap the ending fluid levels in the test tank(s);
- 8) Record and document the length of test time, amount of oil produced, amount of water produced and amount of gas produced (through wellhead meter) for the test period into eVIN;
- 9) Procedures for non-PA would be same steps as 1-8.

#### Details specific to the Prickly Pear NW 20 pad are as follows:

Well Name	/ · ·		Lease		
Prickly Pear Unit	API	Drill	UTU-	PA	
Fed	43-007-	Phase		Boundary	Facilities (NW 20 pad)
#3A-20D-12-15	50099	1	73669	Out	
#13A-17D-12-15	50108	1	73668	In	
#4A-20D-12-15	50101	1	73669	Out	
#3-20D-12-15	50098	1	73669	Out	1) Four wells proposed on this pad are within the PA,
#11A-20D-12-15	50106	1	73669	In	eight are outside the PA but within the Unit;  2) Liquids trucked to a central tank
#6-20D-12-15	50104	1	73669	Out	battery (CTB) on the existing Prickly Pear 3-22 pad/CTB location.  3) One 12" inch buried gas line to the main
#12-20D-12-15	50139	1	73669	In	tie-in was laid 4) Up to thirteen 625-bbl and 400-bbl tanks would be
#6A-20D-12-15	50105	1	73669	Out	located on the CTB, one blowdown tank, and eight low-profile 300 bbl tank may be located on the CTB
#4-20D-12-15	50100	1	73669	Out	pad.
#5A-20D-12-15	50103	1	73669	Out	
#5-20D-12-15	50102	1	73669	Out	
#12A-20D-12-15	50107	1	73669	In	

Sundry Number: 18504 API Well Number: 43007501050000

Details specific to the Prickly Pear NE 22 pad are as follows:

Well Name			Lease		
Prickly Pear Unit Fed	API	Drill Phase	UTU-	PA Boundary	
				200	
6A-22D-12-15	4300750173	1	11604	In	1) All wells pro
7A-22D-12-15	4300750174	1	11604	ln	2) Liquids to be p
14B-15D-12-15	4300750176	1	65773	ln	on the existing P
2-22D-12-15	4300750077	1	11604	In	the CTB, one 6" i
2A-22D-12-15	4300750172	1	11604	ln	production from future pad produ non-PA production
1A-22D-12-15	4300750171	1	11604	ln	3) One 12" inch b was laid (adjacen
1-22D-12-15	4300750076	1	11604	In	4) Up to 13 625-bb located on the CTE
8-22D-12-15	4300750078	1	11604	In	may be located on
8A-22D-12-15	4300750175	1	11604	In	

Already approved

			FORM 9
	STATE OF UTAH		
	DEPARTMENT OF NATURAL RESOURD DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73669
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
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Approximate date work will start:	CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	☐ PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:			
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
✓ DRILLING REPORT	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
Report Date: 9/30/2011	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION
9/30/2011	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	MPLETED OPERATIONS. Clearly show all portions and properties of the company of th		volumes, etc.
			Accepted by the
			Utah Division of
		O	il, Gas and Mining
		FOI	R RECORD ONLY
		. •	
NAME (DI EACE DOINT)	DUONE NUMBER	)   TITLE	
NAME (PLEASE PRINT) Brady Riley	303 312-8115	R TITLE Permit Analyst	
SIGNATURE N/A		<b>DATE</b> 10/5/2011	

## TIAS RISE 5-20 43-007-50105

From:

Pat313 < pat313@billbarrettcorp.com>

To:

"caroldaniels@utah.gov" <caroldaniels@utah.gov>, "mhendric@blm.gov" <mhe...

Date:

10/17/2011 6:40 PM

Subject:

**BOP TEST** 

ON PATTERSON #313 FOR BILL BARRETT CO. WE WILL BE TESTING BOPs WITH B&C QUICK TEST ON PRICKLY PEAR UNIT FEDERAL 6A-20D-12-15 API # 43-007-50105 ON 10/18/11 MIDNIGHT ANY QUESTIONS OR CONCERNS PLEASE CALL THANK YOU

BILL BARRETT CO. PATTERSON #313 303-353-5394

**RECEIVED** 

OCT 1 8 2011

DIV. OF OIL, GAS & MINING

## TIRS RISE 5-20 43-009-50105

From:

Pat313 <pat313@billbarrettcorp.com>

To:

"caroldaniels@utah.gov" <caroldaniels@utah.gov>, "mhendric@blm.gov" <mhe...

Date:

10/20/2011 7:47 PM

Subject:

**RUN CSGING & CEMENTING** 

ON PATTERSON #313 FOR BILL BARRETT CO.
WE WILL BE RUNNING PRODUCTION CSG & CEMENTING
ON PRICKLY PEAR UNIT FEDERAL 6A-20D-12-15 EARLY MORNING 10/22/11
ANY QUESTIONS OR CONCERNS PLEASE CALL
THANK YOU

BILL BARRETT CO. PATTERSON #313 303-353-5394

**RECEIVED** 

OCT 2 1 2011

DIV. OF OIL, GAS & MINING

	STATE OF UTAU		FORM 9
	STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCE  DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73669
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for propos bottom-hole depth, reenter plu DRILL form for such proposals.	n existing wells below current Use APPLICATION FOR PERMIT TO	7.UNIT OF CA AGREEMENT NAME: PRICKLY PEAR	
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: PRICKLY PEAR U FED 6A-20D-12-15		
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43007501050000	
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , D		DNE NUMBER: 12-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0738 FNL 2161 FWL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 20	P, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian:	: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE  CHANGE TO PREVIOUS PLANS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF  WILDCAT WELL DETERMINATION  MPLETED OPERATIONS. Clearly show all per 2011 monthly drilling activity	report attached.	·
		o	Accepted by the Utah Division of il, Gas and Mining R RECORD ONLY
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		<b>DATE</b> 11/4/2011	



PI/UWI -3-007-5	50105		State/Province UT	COUNTY CARBON	Field Name West Tav		Well Status	Total D	epth (ftKB) Primary Job Type 7,323.0 Drilling & Comple	tion
Time Lo			O1	CARBON	West Tav	/apuis			7,323.0 Drilling & Comple	lion
Start Time	Dur (hr)	End Time	e Code	Category					om	
18:00	2.50	20:30	1	RIGUP & TEARDOWN		WALK RI 7 th OF 1	G TO PRICKLY PE	AR UNIT FEDE	RAL 6A-20D-12-15	
20:30	1.00	21:30	14	NIPPLE UP B.O.P		NU BOPs				
21:30		01:00	15	TEST B.O.P			Ps WITH B & C QI	I IICK TEST		
21.00	0.00	01.00		TEGT B.G.		PIPE & B INSIDE & HCR & C TEST 9.6 TEST HY	LIND RAMS, FLO COUTSIDE CHOKE HOKE LINE TO 50 25 SURFACE CSC DRILL TO 2500 PS TED GOOD	OR VALVES & IE E VALVES ,KILL 1000 PSI FOR 10 I IS TO 1500 PSI F	LINE VALVES /IIN	
01:00	0.50	01:30	21	OPEN	I	INSTALL	WEAR BUSHING			
01:30	1.00	02:30	20	DIRECTIONAL WORK	I	PU ALL N	NEW DIR TOOLS			
02:30	1.00	03:30	6	TRIPS	1-	TIH & CH	IANGE OUT 9 NEV	V HARD BANDE	D HWDP	
03:30	1.00	04:30	22	DRLG OUT	1	DRLG PL	UG,FLOAT COLLA	AR,CEMENT,SH	DE 988' - 1035'	
04:30		06:00	2	DRILL ACTUAL			75 HOLE @176 FP			
							BIT 92 RPM PIPE			
Prick	ly Pear I	Fed. a	#6A-20	D-12-15 10/19/	2011 06:	00 -	10/20/2011 0	06:00		
API/UWI 43-007-5	50105		State/Provinc	COUNTY CARBON	Field Name West Tav		Well Status	Total D	epth (ftKB) Primary Job Type 7,323.0 Drilling & Comple	tion
Time Lo	g			·						
Start Time	Dur (hr)	End Time		Category					om	
06:00	10.50	16:30	2	DRILL ACTUAL			75 HOLE @153 FP BIT 92 RPM PIP			
46.00	0.50	47:00	7	LUDDICATE DIO				E SU KFIVI ZS K	VOB 2200 F31	
16:30		17:00	7	LUBRICATE RIG		RIG SER		OLL BOTH SHEET	0.000	
17:00	13.00	06:00	2	DRILL ACTUAL			75 HOLE @ 160 FF   BIT 92 RPM PIP			
			<u> </u>	 					V OD 2000 F 31	
Prick	iy Pear i			D-12-15 10/20/						
43-007-5	50105		State/Province UT	County CARBON	Field Name West Tav		Well Status	I otal L	epth (ftKB) Primary Job Type 7,323.0 Drilling & Comple	tion
Time Lo			-						.,	
Start Time	Dur (hr)							•		
	Dai (III)	End Time		Category					om	
	, ,	End Time 09:30	e Code	Category DRILL ACTUAL			75 HOLE @ 81 FP	PH BOTH PUMP	S @ 70 SPM	
06:00	3.50	09:30	2	DRILL ACTUAL		576 GPM	BIT 92 RPM PIPE	PH BOTH PUMP 50 RPM 30 K	S @ 70 SPM	
06:00 09:30	3.50 1.00	09:30 10:30	5	DRILL ACTUAL  COND MUD & CIRC	(	576 GPM CIRC FO	BIT 92 RPM PIPE R TRIP FOR BIT #	PH BOTH PUMP E 50 RPM 30 K V	S @ 70 SPM	
06:00 09:30 10:30	3.50 1.00 6.00	09:30 10:30 16:30	5 6	DRILL ACTUAL  COND MUD & CIRC  TRIPS	(	576 GPM CIRC FO TRIP FOR	BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T	PH BOTH PUMP 50 RPM 30 K V 11 (IGHT)	S @ 70 SPM VOB 2800 PSI	
06:00 09:30 10:30 16:30	3.50 1.00 6.00 0.50	09:30 10:30 16:30 17:00	5 6 20	DRILL ACTUAL  COND MUD & CIRC  TRIPS  DIRECTIONAL WORK	-	576 GPM CIRC FO TRIP FOI SURFAC	BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT	PH BOTH PUMP 50 RPM 30 K V 11 (IGHT)	S @ 70 SPM VOB 2800 PSI	
06:00 09:30 10:30 16:30 17:00	3.50 1.00 6.00 0.50 0.50	09:30 10:30 16:30 17:00 17:30	5 6 20 6	DRILL ACTUAL  COND MUD & CIRC  TRIPS  DIRECTIONAL WORK  TRIPS	\$ - - -	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D	BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT PRLG	PH BOTH PUMP E 50 RPM 30 K V T IGHT ) FOR & CHANGE	S @ 70 SPM VOB 2800 PSI	
06:00 09:30 10:30 16:30 17:00 17:30	3.50 1.00 6.00 0.50 0.50 1.50	09:30 10:30 16:30 17:00 17:30 19:00	5 6 20 6 9	DRILL ACTUAL  COND MUD & CIRC  TRIPS  DIRECTIONAL WORK  TRIPS  CUT OFF DRILL LINE	- - - -	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI	I BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT PRLG LIP 98' DRLG LINE	PH BOTH PUMP E 50 RPM 30 K V I GHT ) FOR & CHANGE	S @ 70 SPM VOB 2800 PSI	
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06:00  09:30 10:30 117:00 17:30 19:00 20:30  Prick  API/UWI 43-007-5 Time Lo Start Time 06:00  17:00	3.50  1.00 6.00 0.50 0.50 1.50 3.50  0.50 5.50  Iy Pear I  50105  9  Dur (hr) 11.00 0.50	09:30  10:30  16:30  17:00  17:30  19:00  20:30  00:00  00:30  6:00  Fed. 1	2 5 6 20 6 9 6 2 7 2 #6A-20 UT Code 2	DRILL ACTUAL  COND MUD & CIRC TRIPS  DIRECTIONAL WORK TRIPS  CUT OFF DRILL LINE TRIPS  DRILL ACTUAL  LUBRICATE RIG DRILL ACTUAL  DD-12-15 10/21/ CARBON  Category DRILL ACTUAL	2011 06: Field Name West Tav	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI TIH WITH DRLG 7.8 576 GPM RIG SER DRLG 7.8 576 GPM OD - Aputs  DRLG 7.8 576 GPM RIG SER DRLG 7.8	BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT PRLG LIP 98' DRLG LINE H BIT #2 TO DRLG B75 HOLE @ 108 F BIT 92 RPM PIPE VICE B75 HOLE @ 121 F I BIT 92 RPM PIPE Well Status  B75 HOLE @ 60 FF I BIT 92 RPM PIPE	PH BOTH PUMP 50 RPM 30 K V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S @ 70 SPM VOB 2800 PSI  BITS  PS @ 70 SPM OB 2800 PSI  PS @ 70 SPM /OB 2800 PSI  epth (ftKB) 7,323.0 Primary Job Type Drilling & Comple om S @ 70 SPM WOB 2900 PSI  S @ 70 SPM	tion
06:00  09:30  10:30  16:30  17:00  17:30  19:00  20:30  Prick  API/UWI  43-007-5  Time Lo  Start Time  06:00  17:30	3.50  1.00 6.00 0.50 0.50 1.50 3.50  0.50 5.50  Iy Pear I  50105  9  Dur (hr) 11.00 0.50 3.50	09:30  10:30 16:30 17:00 17:30 19:00 20:30 00:00  00:30 06:00  Fed. 1  End Time 17:00  17:30 21:00	2 5 6 20 6 9 6 2 7 2 WF6A-20 UT Code 2 7 2	DRILL ACTUAL  COND MUD & CIRC TRIPS  DIRECTIONAL WORK TRIPS  CUT OFF DRILL LINE TRIPS  DRILL ACTUAL  LUBRICATE RIG DRILL ACTUAL  County CARBON  Category  DRILL ACTUAL  LUBRICATE RIG  DRILL ACTUAL	2011 06: Field Name West Tav	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI TIH WITH DRLG 7.8 576 GPM RIG SER DRLG 7.8 576 GPM OD - Aputs  DRLG 7.8 576 GPM RIG SER DRLG 7.8	BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT PRLG LIP 98' DRLG LINE H BIT #2 TO DRLG B75 HOLE @ 108 F BIT 92 RPM PIPE VICE B75 HOLE @ 121 F BIT 92 RPM PIPE Well Status B75 HOLE @ 60 FF BIT 92 RPM PIP VICE B75 HOLE @ 91 FP VICE B75 HOLE @ 91 FP L BIT 92 RPM PIPE B75 HOLE @ 91 FP L BIT 92 RPM PIPE B75 HOLE @ 91 FP L BIT 92 RPM PIPE	PH BOTH PUMP 50 RPM 30 K V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S @ 70 SPM VOB 2800 PSI  BITS  PS @ 70 SPM OB 2800 PSI  PS @ 70 SPM /OB 2800 PSI  epth (ftKB) 7,323.0 Primary Job Type Drilling & Comple om S @ 70 SPM WOB 2900 PSI  S @ 70 SPM	tion
06:00  09:30  10:30  16:30  17:00  17:30  19:00  20:30  Prick  API/UWI 43-007-5  Time Lo Start Time 06:00  17:00  17:30  21:00	3.50  1.00 6.00 0.50 0.50 1.50 3.50  0.50 5.50  Iy Pear I  50105  9  Dur (hr) 11.00 0.50 3.50 0.50 0.50	09:30  10:30 16:30 17:00 17:30 19:00 20:30 00:00  00:30 06:00  Fed. 1  End Time 17:00 21:30	2 5 6 20 6 9 6 2 7 2 #6A-20 State/Provincut UT  Code 2 7 2 5	DRILL ACTUAL  COND MUD & CIRC TRIPS  DIRECTIONAL WORK TRIPS  CUT OFF DRILL LINE TRIPS  DRILL ACTUAL  LUBRICATE RIG DRILL ACTUAL  COND MUD & CIRC  COUNTY CARBON  Category DRILL ACTUAL  LUBRICATE RIG DRILL ACTUAL  COND MUD & CIRC	2011 06: Field Name West Tav	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI TIH WITH DRLG 7.8 576 GPM OO - Vaputs  DRLG 7.8 576 GPM RIG SER DRLG 7.8 576 GPM CIRC FO	BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE TO E TEST MUD MOTE OFFICE TO BRICH BIT #2 TO DRLG BIT #2 TO DRLG BIT 92 RPM PIPE VICE BIT 92 RPM PIPE R SHORT TRIP	PH BOTH PUMP 50 RPM 30 K V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S @ 70 SPM VOB 2800 PSI  BITS  PS @ 70 SPM OB 2800 PSI  PS @ 70 SPM /OB 2800 PSI  epth (ftKB) 7,323.0 Primary Job Type Drilling & Comple om S @ 70 SPM WOB 2900 PSI  S @ 70 SPM	ttion
06:00  09:30  10:30  16:30  17:00  17:30  19:00  20:30  Prick  API/UWI  43-007-5  Time Lo  Start Time  06:00  17:00  17:30	3.50  1.00 6.00 0.50 0.50 1.50 3.50  0.50 5.50  Iy Pear I  50105  9  Dur (hr) 11.00 0.50 3.50 0.50 0.50 0.50 0.50 0.50	09:30  10:30 16:30 17:00 17:30 19:00 20:30 00:00  00:30 06:00  Fed. 1  End Time 17:00  17:30 21:00	2 5 6 20 6 9 6 2 7 2 WF6A-20 UT Code 2 7 2	DRILL ACTUAL  COND MUD & CIRC TRIPS  DIRECTIONAL WORK TRIPS  CUT OFF DRILL LINE TRIPS  DRILL ACTUAL  LUBRICATE RIG DRILL ACTUAL  County CARBON  Category  DRILL ACTUAL  LUBRICATE RIG  DRILL ACTUAL	2011 06: Field Name West Tav	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI TIH WITH DRLG 7.8 576 GPM RIG SER DRLG 7.8 576 GPM RIG SER DRLG 7.8 576 GPM CIRC FO SHORT T	BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT PRLG LIP 98' DRLG LINE H BIT #2 TO DRLG B75 HOLE @ 108 F BIT 92 RPM PIPE VICE B75 HOLE @ 121 F BIT 92 RPM PIPE Well Status B75 HOLE @ 60 FF BIT 92 RPM PIP VICE B75 HOLE @ 91 FP VICE B75 HOLE @ 91 FP L BIT 92 RPM PIPE B75 HOLE @ 91 FP L BIT 92 RPM PIPE B75 HOLE @ 91 FP L BIT 92 RPM PIPE	PH BOTH PUMP 50 RPM 30 K V TO	S @ 70 SPM VOB 2800 PSI  BITS  PS @ 70 SPM OB 2800 PSI  PS @ 70 SPM /OB 2800 PSI  epth (ftKB) 7,323.0 Primary Job Type Drilling & Comple om S @ 70 SPM WOB 2900 PSI  S @ 70 SPM	ttion



Time Log							
Start Time	Dur (hr)	End Time	Code	Category	Com		
00:30	3.00	03:30	6	TRIPS	TOH TO LOG ( HOLE GOOD )		
03:30	0.50	04:00	20	DIRECTIONAL WORK	LD MWD TOOL & MUD MOTOR		
04:00	2.00	06:00	11	WIRELINELOGS	RUN TRIPPI E COMBO WITH HALL IBLIRTON TO 7316'		

04:00 2.0	00 06:00 11	WIRELINE LOGS	RUN TRIF	PPLE COMBO WITH HALLIB	URTON TO 7316'	
<b>Prickly Pear</b>	r Fed. #6A-20	D-12-15 10/22/2	<b>2011 06:00 -</b> 1	10/22/2011 19:00		
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-50105	UT	CARBON	West Tavaputs		7,323.0	Drilling & Completion

Time Log	g				
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.50	09:30	11	WIRELINE LOGS	RUN TRIPPLE COMBO WITH HALLIBURTON TO 7316'
09:30	5.00	14:30	12	RUN CASING	RUN 172 JTS 4.5 11.60 # P-110 LT&C 60 BOWSPRING CENTRALIZERS 2 - MARKERS @ 5857' 4819' LANDED @7320'
14:30	1.00	15:30	5	COND MUD & CIRC	CIRC CSG FOR CMT
15:30		18:30	12	CEMENT	CEMENT 4.5 PRODUCTION CSG WITH HALLIBURTON 5 BBL WATER SPACER, 40 BBL SUPER FLUSH 10 BBL WATER WATER SPACER LEAD #1 102 BBLS 300 SKS 12.5# 1.91 YEILD 10.31 GAL/SK LEAD #2 86 BBLS 255 SKS 12.5# 1.91 YEILD 10.31 GAL/SK TAIL = 236 BBL 910 SKS 13.4# 1.46 YEILD 6.92 GAL/SK DISPLACE WITH 113.1 CLAYWEB & WATER FULL RETURNS THROUGH OUT JOB,STEADY INCREASE IN LIFT PSI BUMPED PLUG @ 1900 PSI RAISE TO 2400 PSI FLOATS HELD,9 BBL CEMENT TO RESERVE PIT
18:30	0.50	19:00	22	SET SLIPS	ND & SET 4.5 PRODUCTION SLIPS STRING WT 130 K PU TO 155 K AND SET

	STATE OF UTAU		FORM 9
	STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCE  DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73669
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for propos bottom-hole depth, reenter plu DRILL form for such proposals.	n existing wells below current Use APPLICATION FOR PERMIT TO	7.UNIT OF CA AGREEMENT NAME: PRICKLY PEAR	
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: PRICKLY PEAR U FED 6A-20D-12-15		
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43007501050000	
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , D		DNE NUMBER: 12-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0738 FNL 2161 FWL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 20	P, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian:	: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE  CHANGE TO PREVIOUS PLANS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF  WILDCAT WELL DETERMINATION  MPLETED OPERATIONS. Clearly show all per 2011 monthly drilling activity	report attached.	·
		o	Accepted by the Utah Division of il, Gas and Mining R RECORD ONLY
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		<b>DATE</b> 11/4/2011	



PI/UWI -3-007-5	50105		State/Province UT	COUNTY CARBON	Field Name West Tav		Well Status	Total D	epth (ftKB) Primary Job Type 7,323.0 Drilling & Comple	tion
Time Lo			O1	CARBON	West Tav	/apuis			7,323.0 Drilling & Comple	lion
Start Time	Dur (hr)	End Time	e Code	Category					om	
18:00	2.50	20:30	1	RIGUP & TEARDOWN		WALK RI 7 th OF 1	G TO PRICKLY PE	AR UNIT FEDE	RAL 6A-20D-12-15	
20:30	1.00	21:30	14	NIPPLE UP B.O.P		NU BOPs				
21:30		01:00	15	TEST B.O.P			Ps WITH B & C QI	I IICK TEST		
21.00	0.00	01.00		TEGT B.G.		PIPE & B INSIDE & HCR & C TEST 9.6 TEST HY	LIND RAMS, FLO COUTSIDE CHOKE HOKE LINE TO 50 25 SURFACE CSC DRILL TO 2500 PS TED GOOD	OR VALVES & IE E VALVES ,KILL 1000 PSI FOR 10 I IS TO 1500 PSI F	LINE VALVES /IIN	
01:00	0.50	01:30	21	OPEN	I	INSTALL	WEAR BUSHING			
01:30	1.00	02:30	20	DIRECTIONAL WORK	I	PU ALL N	NEW DIR TOOLS			
02:30	1.00	03:30	6	TRIPS	1-	TIH & CH	IANGE OUT 9 NEV	V HARD BANDE	D HWDP	
03:30	1.00	04:30	22	DRLG OUT	1	DRLG PL	UG,FLOAT COLLA	AR,CEMENT,SH	DE 988' - 1035'	
04:30		06:00	2	DRILL ACTUAL			75 HOLE @176 FP			
							BIT 92 RPM PIPE			
Prick	ly Pear I	Fed. a	#6A-20	D-12-15 10/19/	2011 06:	00 -	10/20/2011 0	06:00		
API/UWI 43-007-5	50105		State/Provinc	COUNTY CARBON	Field Name West Tav		Well Status	Total D	epth (ftKB) Primary Job Type 7,323.0 Drilling & Comple	tion
Time Lo	g			·						
Start Time	Dur (hr)	End Time		Category					om	
06:00	10.50	16:30	2	DRILL ACTUAL			75 HOLE @153 FP BIT 92 RPM PIP			
46.00	0.50	47:00	7	LUDDICATE DIO				E SU KFIVI ZS K	VOB 2200 F31	
16:30		17:00	7	LUBRICATE RIG		RIG SER		OLL BOTH SHEET	0.000	
17:00	13.00	06:00	2	DRILL ACTUAL			75 HOLE @ 160 FF   BIT 92 RPM PIP			
			<u> </u>	 					V OD 2000 F 31	
Prick	iy Pear i			D-12-15 10/20/						
43-007-5	50105		State/Province UT	County CARBON	Field Name West Tav		Well Status	I otal L	epth (ftKB) Primary Job Type 7,323.0 Drilling & Comple	tion
Time Lo			-						.,	
Start Time	Dur (hr)							•		
	Dai (III)	End Time		Category					om	
	, ,	End Time 09:30	e Code	Category DRILL ACTUAL			75 HOLE @ 81 FP	PH BOTH PUMP	S @ 70 SPM	
06:00	3.50	09:30	2	DRILL ACTUAL		576 GPM	BIT 92 RPM PIPE	PH BOTH PUMP 50 RPM 30 K	S @ 70 SPM	
06:00 09:30	3.50 1.00	09:30 10:30	5	DRILL ACTUAL  COND MUD & CIRC	(	576 GPM CIRC FO	BIT 92 RPM PIPE R TRIP FOR BIT #	PH BOTH PUMP E 50 RPM 30 K V	S @ 70 SPM	
06:00 09:30 10:30	3.50 1.00 6.00	09:30 10:30 16:30	5 6	DRILL ACTUAL  COND MUD & CIRC  TRIPS	(	576 GPM CIRC FO TRIP FOR	BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T	PH BOTH PUMP 50 RPM 30 K V 11 (IGHT)	S @ 70 SPM VOB 2800 PSI	
06:00 09:30 10:30 16:30	3.50 1.00 6.00 0.50	09:30 10:30 16:30 17:00	5 6 20	DRILL ACTUAL  COND MUD & CIRC  TRIPS  DIRECTIONAL WORK	-	576 GPM CIRC FO TRIP FOI SURFAC	BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT	PH BOTH PUMP 50 RPM 30 K V 11 (IGHT)	S @ 70 SPM VOB 2800 PSI	
06:00 09:30 10:30 16:30 17:00	3.50 1.00 6.00 0.50 0.50	09:30 10:30 16:30 17:00 17:30	5 6 20 6	DRILL ACTUAL  COND MUD & CIRC  TRIPS  DIRECTIONAL WORK  TRIPS	\$ - - -	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D	BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT PRLG	PH BOTH PUMP E 50 RPM 30 K V T IGHT ) FOR & CHANGE	S @ 70 SPM VOB 2800 PSI	
06:00 09:30 10:30 16:30 17:00 17:30	3.50 1.00 6.00 0.50 0.50 1.50	09:30 10:30 16:30 17:00 17:30 19:00	5 6 20 6 9	DRILL ACTUAL  COND MUD & CIRC  TRIPS  DIRECTIONAL WORK  TRIPS  CUT OFF DRILL LINE	- - - -	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI	I BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT PRLG LIP 98' DRLG LINE	PH BOTH PUMP E 50 RPM 30 K V I GHT ) FOR & CHANGE	S @ 70 SPM VOB 2800 PSI	
06:00 09:30 10:30 16:30 17:00 17:30 19:00	3.50 1.00 6.00 0.50 0.50 1.50	09:30 10:30 16:30 17:00 17:30 19:00 20:30	5 6 20 6 9	DRILL ACTUAL  COND MUD & CIRC  TRIPS  DIRECTIONAL WORK  TRIPS  CUT OFF DRILL LINE  TRIPS	( ) ( )	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI TIH WITH	I BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT PRLG LIP 98' DRLG LINE H BIT #2 TO DRLG	PH BOTH PUMP E 50 RPM 30 K V I GHT ) FOR & CHANGE	S @ 70 SPM VOB 2800 PSI BITS	
06:00 09:30 10:30 16:30 17:00 17:30 19:00	3.50 1.00 6.00 0.50 0.50 1.50	09:30 10:30 16:30 17:00 17:30 19:00	5 6 20 6 9	DRILL ACTUAL  COND MUD & CIRC  TRIPS  DIRECTIONAL WORK  TRIPS  CUT OFF DRILL LINE	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI TIH WITH DRLG 7.8	I BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT PRLG LIP 98' DRLG LINE	PH BOTH PUMP 50 RPM 30 K V 11 IGHT ) FOR & CHANGE EFPH BOTH PUM	S @ 70 SPM VOB 2800 PSI BITS PS @ 70 SPM	
06:00 09:30 10:30 16:30 17:00 17:30 19:00 20:30	3.50 1.00 6.00 0.50 0.50 1.50 1.50 3.50	09:30 10:30 16:30 17:00 17:30 19:00 20:30 00:00	5 6 20 6 9	DRILL ACTUAL  COND MUD & CIRC  TRIPS  DIRECTIONAL WORK  TRIPS  CUT OFF DRILL LINE  TRIPS	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI TIH WITH DRLG 7.8	I BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT PRLG LIP 98' DRLG LINE H BIT #2 TO DRLG B75 HOLE @ 108 F I BIT 92 RPM PIPE	PH BOTH PUMP 50 RPM 30 K V 11 IGHT ) FOR & CHANGE EFPH BOTH PUM	S @ 70 SPM VOB 2800 PSI BITS PS @ 70 SPM	
06:00 09:30 10:30 16:30 17:00 17:30 19:00 20:30	3.50 1.00 6.00 0.50 0.50 1.50 3.50	09:30 10:30 16:30 17:00 17:30 19:00 20:30	5 6 20 6 9 6	DRILL ACTUAL  COND MUD & CIRC  TRIPS  DIRECTIONAL WORK  TRIPS  CUT OFF DRILL LINE  TRIPS  DRILL ACTUAL	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI TIH WITH DRLG 7.8 576 GPM RIG SER DRLG 7.8	I BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT PRLG LIP 98' DRLG LINE H BIT #2 TO DRLG B75 HOLE @ 108 F I BIT 92 RPM PIPE VICE B75 HOLE @ 121 F	PH BOTH PUMP 50 RPM 30 K V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S @ 70 SPM VOB 2800 PSI  BITS  PS @ 70 SPM OB 2800 PSI  PS @ 70 SPM	
06:00 09:30 10:30 16:30 17:00 17:30 19:00 20:30 00:00 00:30	3.50 1.00 6.00 0.50 0.50 1.50 3.50 0.50 5.50	09:30 10:30 16:30 17:00 17:30 19:00 20:30 00:00 00:30	2 5 6 20 6 9 6 2 7	DRILL ACTUAL  COND MUD & CIRC TRIPS  DIRECTIONAL WORK TRIPS  CUT OFF DRILL LINE TRIPS  DRILL ACTUAL  LUBRICATE RIG DRILL ACTUAL		576 GPM CIRC FO CIRC FO CIRC FO SURFAC TIH TO D CUT & SI TIH WITH DRLG 7.8 576 GPM RIG SER DRLG 7.8 576 GPM	BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT PRLG LIP 98' DRLG LINE H BIT #2 TO DRLG BT5 HOLE @ 108 F I BIT 92 RPM PIPE VICE BT5 HOLE @ 121 F I BIT 92 RPM PIPE	PH BOTH PUMP 50 RPM 30 K V 11 IGHT ) FOR & CHANGE FPH BOTH PUM 45 RPM 30K W 11 IGHT PUM 12 IGHT PUM 13 IGHT PUM 14 IGHT PUM 15	S @ 70 SPM VOB 2800 PSI  BITS  PS @ 70 SPM OB 2800 PSI  PS @ 70 SPM	
06:00 09:30 10:30 16:30 17:00 17:30 19:00 20:30 00:00 00:30	3.50 1.00 6.00 0.50 0.50 1.50 3.50 0.50 5.50	09:30  10:30  16:30  17:00  17:30  19:00  20:30  00:00  00:30  06:00	2 5 6 20 6 9 6 2 7 2	DRILL ACTUAL  COND MUD & CIRC  TRIPS  DIRECTIONAL WORK  TRIPS  CUT OFF DRILL LINE  TRIPS  DRILL ACTUAL  LUBRICATE RIG  DRILL ACTUAL	2011 06:	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI TIH WITH DRLG 7.6 576 GPM RIG SER DRLG 7.8 576 GPM	BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT PRLG LIP 98' DRLG LINE H BIT #2 TO DRLG BT5 HOLE @ 108 F I BIT 92 RPM PIPE VICE BT5 HOLE @ 121 F I BIT 92 RPM PIPE	PH BOTH PUMP 50 RPM 30 K V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S @ 70 SPM VOB 2800 PSI  BITS  PS @ 70 SPM OB 2800 PSI  PS @ 70 SPM /OB 2800 PSI	
06:00 09:30 10:30 16:30 17:00 17:30 19:00 20:30  Prick  API/UWI	3.50  1.00 6.00 0.50 0.50 1.50 1.50 3.50 0.50 5.50	09:30  10:30  16:30  17:00  17:30  19:00  20:30  00:00  00:30  06:00	2 5 6 20 6 9 6 2 7	DRILL ACTUAL  COND MUD & CIRC  TRIPS  DIRECTIONAL WORK  TRIPS  CUT OFF DRILL LINE  TRIPS  DRILL ACTUAL  LUBRICATE RIG  DRILL ACTUAL		576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI TIH WITH DRLG 7.8 576 GPM DRLG 7.8 576 GPM	BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT ORLG LIP 98' DRLG LINE H BIT #2 TO DRLG BT5 HOLE @ 108 F I BIT 92 RPM PIPE VICE BT5 HOLE @ 121 F I BIT 92 RPM PIPE H BIT 92 RPM PIPE	PH BOTH PUMP 50 RPM 30 K V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S @ 70 SPM VOB 2800 PSI  BITS  PS @ 70 SPM OB 2800 PSI  PS @ 70 SPM	tion
06:00 09:30 10:30 16:30 17:00 17:30 19:00 20:30  Prick  APPI/UWI 43-007-5	3.50  1.00 6.00 0.50 0.50 1.50 1.50 3.50 0.50 5.50	09:30  10:30  16:30  17:00  17:30  19:00  20:30  00:00  00:30  06:00	2 5 6 20 6 9 6 2 7 2	DRILL ACTUAL  COND MUD & CIRC TRIPS  DIRECTIONAL WORK TRIPS  CUT OFF DRILL LINE TRIPS  DRILL ACTUAL  LUBRICATE RIG DRILL ACTUAL  DD-12-15 10/21/	2011 06: Field Name	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI TIH WITH DRLG 7.8 576 GPM DRLG 7.8 576 GPM	BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT ORLG LIP 98' DRLG LINE H BIT #2 TO DRLG BT5 HOLE @ 108 F I BIT 92 RPM PIPE VICE BT5 HOLE @ 121 F I BIT 92 RPM PIPE H BIT 92 RPM PIPE	PH BOTH PUMP 50 RPM 30 K V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S @ 70 SPM VOB 2800 PSI  BITS  PS @ 70 SPM OB 2800 PSI  PS @ 70 SPM /OB 2800 PSI  epth (ftKB)   Primary Job Type	tion
06:00 09:30 10:30 117:00 17:30 19:00 20:30  Prick API/UWI 43-007-5 Time Lo Start Time	3.50  1.00 6.00 0.50 0.50 1.50 3.50  0.50 5.50  Iy Pear I	09:30  10:30  16:30  17:00  17:30  19:00  20:30  00:00  00:30  Fed. 1	2 5 6 20 6 9 6 2 7 2 #6A-20 UT	DRILL ACTUAL  COND MUD & CIRC TRIPS  DIRECTIONAL WORK TRIPS  CUT OFF DRILL LINE TRIPS  DRILL ACTUAL  LUBRICATE RIG DRILL ACTUAL  DD-12-15 10/21/ COUNTY CARBON	2011 06: Field Name West Tav	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI TIH WITH DRLG 7.8 576 GPM RIG SER DRLG 7.8 576 GPM 00 -	BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT PRLG LIP 98' DRLG LINE H BIT #2 TO DRLG B75 HOLE @ 108 F I BIT 92 RPM PIPE VICE B75 HOLE @ 121 F I BIT 92 RPM PIPE  10/22/2011 0 Well Status	PH BOTH PUMP 50 RPM 30 K V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S @ 70 SPM VOB 2800 PSI  BITS  PS @ 70 SPM OB 2800 PSI  PS @ 70 SPM /OB 2800 PSI  epth (ftKB) 7,323.0 Primary Job Type Drilling & Comple	tion
06:00 09:30 10:30 117:00 17:30 19:00 20:30  Prick APPI/UWI 43-007-5 Time Lo Start Time	3.50  1.00 6.00 0.50 0.50 1.50 3.50  0.50 5.50  Iy Pear I	09:30  10:30  16:30  17:00  17:30  19:00  20:30  00:00  00:30  Fed. 1	2 5 6 20 6 9 6 2 7 2 #6A-20 State/Province	DRILL ACTUAL  COND MUD & CIRC TRIPS  DIRECTIONAL WORK TRIPS  CUT OFF DRILL LINE TRIPS  DRILL ACTUAL  LUBRICATE RIG DRILL ACTUAL  DD-12-15 10/21/  COUNTY CARBON	2011 06: Field Name West Tav	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI TIH WITH DRLG 7.8 576 GPM RIG SER DRLG 7.8 576 GPM OO - Aputs	I BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT PRLG LIP 98' DRLG LINE H BIT #2 TO DRLG B75 HOLE @ 108 F I BIT 92 RPM PIPE VICE B75 HOLE @ 121 F I BIT 92 RPM PIPE UNCE B15 HOLE @ 121 F I BIT 92 RPM PIPE Well Status	PH BOTH PUMP 50 RPM 30 K V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S @ 70 SPM VOB 2800 PSI  BITS  PS @ 70 SPM OB 2800 PSI  PS @ 70 SPM /OB 2800 PSI  epth (ftKB) 7,323.0 Primary Job Type Drilling & Comple om S @ 70 SPM	tion
06:00  09:30 10:30 117:00 17:30 19:00 20:30  Prick APPI/UWI 43-007-5 Time Lo Start Time 06:00	3.50  1.00 6.00 0.50 0.50 1.50 3.50  0.50 5.50  Iy Pear I  50105  9  Dur (hr) 11.00	09:30  10:30  16:30  17:00  17:30  19:00  20:30  00:00  00:30  6:00  Fed. 1	2 5 6 20 6 9 6 2 7 2 #6A-20 UT Code 2	DRILL ACTUAL  COND MUD & CIRC TRIPS  DIRECTIONAL WORK TRIPS  CUT OFF DRILL LINE TRIPS  DRILL ACTUAL  LUBRICATE RIG DRILL ACTUAL  DD-12-15 10/21/ CARBON  Category DRILL ACTUAL	2011 06: Field Name West Tav	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI TIH WITH DRLG 7.8 576 GPM RIG SER DRLG 7.8 576 GPM OO - Aputs  DRLG 7.8 576 GPM	BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT PRLG LIP 98' DRLG LINE H BIT #2 TO DRLG B75 HOLE @ 108 F BIT 92 RPM PIPE VICE B75 HOLE @ 121 F I BIT 92 RPM PIPE Well Status  B75 HOLE @ 60 FF I BIT 92 RPM PIPE	PH BOTH PUMP 50 RPM 30 K V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S @ 70 SPM VOB 2800 PSI  BITS  PS @ 70 SPM OB 2800 PSI  PS @ 70 SPM /OB 2800 PSI  epth (ftKB) 7,323.0 Primary Job Type Drilling & Comple om S @ 70 SPM	ttion
06:00  09:30 10:30 117:00 17:30 19:00 20:30  Prick  API/UWI 43-007-5 Time Lo Start Time 06:00  17:00	3.50  1.00 6.00 0.50 0.50 1.50 3.50  0.50 5.50  Iy Pear I  50105  9  Dur (hr) 11.00 0.50	09:30  10:30 16:30 17:00 17:30 19:00 20:30 00:00  00:30 6:00  End Time 17:00 17:30	2 5 6 20 6 9 6 2 7 2 #6A-20 UT Code 2 7	DRILL ACTUAL  COND MUD & CIRC TRIPS  DIRECTIONAL WORK TRIPS  CUT OFF DRILL LINE TRIPS  DRILL ACTUAL  LUBRICATE RIG DRILL ACTUAL  DD-12-15 10/21/ CE  COUNTY CARBON  Category  DRILL ACTUAL  LUBRICATE RIG	2011 06: Field Name West Tav	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI TIH WITH DRLG 7.8 576 GPM RIG SER DRLG 7.8 576 GPM OO - //Aputs  DRLG 7.8 576 GPM RIG SER Aputs  DRLG 7.8 FOR GPM RIG SER Aputs	I BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT PRLG LIP 98' DRLG LINE H BIT #2 TO DRLG B75 HOLE @ 108 F BIT 92 RPM PIPE VICE B75 HOLE @ 121 F BIT 92 RPM PIPE 10/22/2011 0 Well Status	PH BOTH PUMP 50 RPM 30 K V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S @ 70 SPM VOB 2800 PSI  BITS  PS @ 70 SPM OB 2800 PSI  PS @ 70 SPM /OB 2800 PSI  epth (ftKB)	tion
06:00 09:30 10:30 117:00 17:30 19:00 20:30  Prick APPI/UWI 43-007-5 Time Lo Start Time 06:00	3.50  1.00 6.00 0.50 0.50 1.50 3.50  0.50 5.50  Iy Pear I  50105  9  Dur (hr) 11.00 0.50	09:30  10:30  16:30  17:00  17:30  19:00  20:30  00:00  00:30  6:00  Fed. 1	2 5 6 20 6 9 6 2 7 2 #6A-20 UT Code 2	DRILL ACTUAL  COND MUD & CIRC TRIPS  DIRECTIONAL WORK TRIPS  CUT OFF DRILL LINE TRIPS  DRILL ACTUAL  LUBRICATE RIG DRILL ACTUAL  DD-12-15 10/21/ CARBON  Category DRILL ACTUAL	2011 06: Field Name West Tav	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI TIH WITH DRLG 7.8 576 GPM RIG SER DRLG 7.8 576 GPM OD - Aputs  DRLG 7.8 576 GPM RIG SER DRLG 7.8	BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT PRLG LIP 98' DRLG LINE H BIT #2 TO DRLG B75 HOLE @ 108 F BIT 92 RPM PIPE VICE B75 HOLE @ 121 F I BIT 92 RPM PIPE Well Status  B75 HOLE @ 60 FF I BIT 92 RPM PIPE	PH BOTH PUMP 50 RPM 30 K V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S @ 70 SPM VOB 2800 PSI  BITS  PS @ 70 SPM OB 2800 PSI  PS @ 70 SPM /OB 2800 PSI  epth (ftKB) 7,323.0 Primary Job Type Drilling & Comple om S @ 70 SPM WOB 2900 PSI  S @ 70 SPM	tion
06:00  09:30  10:30  16:30  17:00  17:30  19:00  20:30  Prick  API/UWI  43-007-5  Time Lo  Start Time  06:00  17:30	3.50  1.00 6.00 0.50 0.50 1.50 3.50  0.50 5.50  Iy Pear I  50105  9  Dur (hr) 11.00 0.50 3.50	09:30  10:30 16:30 17:00 17:30 19:00 20:30 00:00  00:30 06:00  Fed. 1  End Time 17:00  17:30 21:00	2 5 6 20 6 9 6 2 7 2 WF6A-20 UT Code 2 7 2	DRILL ACTUAL  COND MUD & CIRC TRIPS  DIRECTIONAL WORK TRIPS  CUT OFF DRILL LINE TRIPS  DRILL ACTUAL  LUBRICATE RIG DRILL ACTUAL  County CARBON  Category  DRILL ACTUAL  LUBRICATE RIG  DRILL ACTUAL	2011 06: Field Name West Tav	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI TIH WITH DRLG 7.8 576 GPM RIG SER DRLG 7.8 576 GPM OD - Aputs  DRLG 7.8 576 GPM RIG SER DRLG 7.8	BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT PRLG LIP 98' DRLG LINE H BIT #2 TO DRLG B75 HOLE @ 108 F BIT 92 RPM PIPE VICE B75 HOLE @ 121 F BIT 92 RPM PIPE Well Status B75 HOLE @ 60 FF BIT 92 RPM PIP VICE B75 HOLE @ 91 FP VICE B75 HOLE @ 91 FP L BIT 92 RPM PIPE B75 HOLE @ 91 FP L BIT 92 RPM PIPE B75 HOLE @ 91 FP L BIT 92 RPM PIPE	PH BOTH PUMP 50 RPM 30 K V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S @ 70 SPM VOB 2800 PSI  BITS  PS @ 70 SPM OB 2800 PSI  PS @ 70 SPM /OB 2800 PSI  epth (ftKB) 7,323.0 Primary Job Type Drilling & Comple om S @ 70 SPM WOB 2900 PSI  S @ 70 SPM	tion
06:00  09:30  10:30  16:30  17:00  17:30  19:00  20:30  Prick  API/UWI 43-007-5  Time Lo Start Time 06:00  17:00  17:30  21:00	3.50  1.00 6.00 0.50 0.50 1.50 3.50  0.50 5.50  Iy Pear I  50105  9  Dur (hr) 11.00 0.50 3.50 0.50 0.50	09:30  10:30 16:30 17:00 17:30 19:00 20:30 00:00  00:30 06:00  Fed. 1  End Time 17:00 21:30	2 5 6 20 6 9 6 2 7 2 #6A-20 State/Provincut UT  Code 2 7 2 5	DRILL ACTUAL  COND MUD & CIRC TRIPS  DIRECTIONAL WORK TRIPS  CUT OFF DRILL LINE TRIPS  DRILL ACTUAL  LUBRICATE RIG DRILL ACTUAL  COND MUD & CIRC  COUNTY CARBON  Category DRILL ACTUAL  LUBRICATE RIG DRILL ACTUAL  COND MUD & CIRC	2011 06: Field Name West Tav	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI TIH WITH DRLG 7.8 576 GPM OO - Vaputs  DRLG 7.8 576 GPM RIG SER DRLG 7.8 576 GPM CIRC FO	BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE TO E TEST MUD MOTE OFFICE TO BRICH BIT #2 TO DRLG BIT #2 TO DRLG BIT 92 RPM PIPE VICE BIT 92 RPM PIPE R SHORT TRIP	PH BOTH PUMP 50 RPM 30 K V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S @ 70 SPM VOB 2800 PSI  BITS  PS @ 70 SPM OB 2800 PSI  PS @ 70 SPM /OB 2800 PSI  epth (ftKB) 7,323.0 Primary Job Type Drilling & Comple om S @ 70 SPM WOB 2900 PSI  S @ 70 SPM	ttion
06:00  09:30  10:30  16:30  17:00  17:30  19:00  20:30  Prick  API/UWI  43-007-5  Time Lo  Start Time  06:00  17:00  17:30	3.50  1.00 6.00 0.50 0.50 1.50 3.50  0.50 5.50  Iy Pear I  50105  9  Dur (hr) 11.00 0.50 3.50 0.50 0.50 0.50 0.50 0.50	09:30  10:30 16:30 17:00 17:30 19:00 20:30 00:00  00:30 06:00  Fed. 1  End Time 17:00  17:30 21:00	2 5 6 20 6 9 6 2 7 2 WF6A-20 UT Code 2 7 2	DRILL ACTUAL  COND MUD & CIRC TRIPS  DIRECTIONAL WORK TRIPS  CUT OFF DRILL LINE TRIPS  DRILL ACTUAL  LUBRICATE RIG DRILL ACTUAL  County CARBON  Category  DRILL ACTUAL  LUBRICATE RIG  DRILL ACTUAL	2011 06: Field Name West Tav	576 GPM CIRC FO TRIP FOI SURFAC TIH TO D CUT & SI TIH WITH DRLG 7.8 576 GPM RIG SER DRLG 7.8 576 GPM RIG SER DRLG 7.8 576 GPM CIRC FO SHORT T	BIT 92 RPM PIPE R TRIP FOR BIT # R BIT #1 ( HOLE T E TEST MUD MOT PRLG LIP 98' DRLG LINE H BIT #2 TO DRLG B75 HOLE @ 108 F BIT 92 RPM PIPE VICE B75 HOLE @ 121 F BIT 92 RPM PIPE Well Status B75 HOLE @ 60 FF BIT 92 RPM PIP VICE B75 HOLE @ 91 FP VICE B75 HOLE @ 91 FP L BIT 92 RPM PIPE B75 HOLE @ 91 FP L BIT 92 RPM PIPE B75 HOLE @ 91 FP L BIT 92 RPM PIPE	PH BOTH PUMP 50 RPM 30 K V TO	S @ 70 SPM VOB 2800 PSI  BITS  PS @ 70 SPM OB 2800 PSI  PS @ 70 SPM /OB 2800 PSI  epth (ftKB) 7,323.0 Primary Job Type Drilling & Comple om S @ 70 SPM WOB 2900 PSI  S @ 70 SPM	ttion



Time Log							
Start Time	Dur (hr)	End Time	Code	Category	Com		
00:30	3.00	03:30	6	TRIPS	TOH TO LOG ( HOLE GOOD )		
03:30	0.50	04:00	20	DIRECTIONAL WORK	LD MWD TOOL & MUD MOTOR		
04:00	2.00	06:00	11	WIRELINELOGS	RUN TRIPPI E COMBO WITH HALL IBLIRTON TO 7316'		

04:00 2.0	00 06:00 11	WIRELINE LOGS	RUN TRIF	PPLE COMBO WITH HALLIB	URTON TO 7316'	
<b>Prickly Pear</b>	r Fed. #6A-20	D-12-15 10/22/2	<b>2011 06:00 -</b> 1	10/22/2011 19:00		
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-50105	UT	CARBON	West Tavaputs		7,323.0	Drilling & Completion

Time Log	g				
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.50	09:30	11	WIRELINE LOGS	RUN TRIPPLE COMBO WITH HALLIBURTON TO 7316'
09:30	5.00	14:30	12	RUN CASING	RUN 172 JTS 4.5 11.60 # P-110 LT&C 60 BOWSPRING CENTRALIZERS 2 - MARKERS @ 5857' 4819' LANDED @7320'
14:30	1.00	15:30	5	COND MUD & CIRC	CIRC CSG FOR CMT
15:30		18:30	12	CEMENT	CEMENT 4.5 PRODUCTION CSG WITH HALLIBURTON 5 BBL WATER SPACER, 40 BBL SUPER FLUSH 10 BBL WATER WATER SPACER LEAD #1 102 BBLS 300 SKS 12.5# 1.91 YEILD 10.31 GAL/SK LEAD #2 86 BBLS 255 SKS 12.5# 1.91 YEILD 10.31 GAL/SK TAIL = 236 BBL 910 SKS 13.4# 1.46 YEILD 6.92 GAL/SK DISPLACE WITH 113.1 CLAYWEB & WATER FULL RETURNS THROUGH OUT JOB,STEADY INCREASE IN LIFT PSI BUMPED PLUG @ 1900 PSI RAISE TO 2400 PSI FLOATS HELD,9 BBL CEMENT TO RESERVE PIT
18:30	0.50	19:00	22	SET SLIPS	ND & SET 4.5 PRODUCTION SLIPS STRING WT 130 K PU TO 155 K AND SET

			FORM 9			
	STATE OF UTAH					
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73669			
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
	sals to drill new wells, significantly deeper ugged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR			
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: PRICKLY PEAR U FED 6A-20D-12-15				
2. NAME OF OPERATOR: BILL BARRETT CORP			<b>9. API NUMBER:</b> 43007501050000			
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D		DNE NUMBER: 12-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0738 FNL 2161 FWL			COUNTY: CARBON			
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 20	IP, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian:	S	STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT	, OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR			
☐ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME			
Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE			
SUBSEQUENT REPORT	DEEPEN	☐ FRACTURE TREAT	□ NEW CONSTRUCTION			
Date of Work Completion:	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK			
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION			
SPUD REPORT Date of Spud:						
	REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON			
✓ DRILLING REPORT	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL			
Report Date: 11/30/2011	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION			
11/30/2011	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:			
	OMPLETED OPERATIONS. Clearly show all pe		volumes, etc.			
November	2011 Monthly Drilling Activity	y report attached.				
			Accepted by the			
			Utah Division of			
		O	il, Gas and Mining			
		FOI	R RECORD ONLY			
		. 0.	THE CORP ONE			
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	Permit Analyst				
SIGNATURE N/A		<b>DATE</b> 12/5/2011				



Prickly Pear Fed	#6A-20D-12-15	11/26/2011 06:00	- 11/27/2011 06:00
I FIICKIV FEAI FEU.	#UM-ZUD-1Z-13	11/20/2011 00.00	- 11/2//2011 00.00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50105 UT West Tavaputs Total Depth (ftKB) Primary Job Type 7,323.0 Drilling & Completion

Time Log

Tillie LO	9				
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	IWHD	Install Wellhead	Install tubing head
08:00	22.00	06:00	LOCI	Lock Wellhead & Secure	WSI well secure

www.peloton.com Page 1/1 Report Printed: 12/5/2011 RECEIVED Dec. 05, 2011

	STATE OF UTAH			FORM 9			
I	DEPARTMENT OF NATURAL RESOU DIVISION OF OIL, GAS, AND M		i	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73669			
SUNDR	RY NOTICES AND REPORTS	S ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
	oposals to drill new wells, significant reenter plugged wells, or to drill hori n for such proposals.			7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR			
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: PRICKLY PEAR U FED 6A-20D-12-15			
2. NAME OF OPERATOR: BILL BARRETT CORP				9. API NUMBER: 43007501050000			
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300	, Denver, CO, 80202		NE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0738 FNL 2161 FWL				COUNTY: CARBON			
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 20 Township: 12.0S Range: 15.0E M	eridian:	S	STATE: UTAH			
11. CHECI	K APPROPRIATE BOXES TO INDIC	CATE NA	ATURE OF NOTICE, REPOR	T, OR OTHER DATA			
TYPE OF SUBMISSION			TYPE OF ACTION				
	ACIDIZE	A	LITER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	□ c	HANGE TUBING	CHANGE WELL NAME			
Approximate date work will start.	CHANGE WELL STATUS	□ c	OMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	□ F	RACTURE TREAT	☐ NEW CONSTRUCTION			
1/20/2012	OPERATOR CHANGE	□ р	LUG AND ABANDON	PLUG BACK			
SPUD REPORT	✓ PRODUCTION START OR RESUME		ECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
Date of Spud:	REPERFORATE CURRENT FORMATION	□s	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON			
	TUBING REPAIR	Пу	ENT OR FLARE	WATER DISPOSAL			
DRILLING REPORT Report Date:	WATER SHUTOFF		I TA STATUS EXTENSION	APD EXTENSION			
Report Bate.							
	WILDCAT WELL DETERMINATION		DIHER	OTHER:			
This sundry is to	COMPLETED OPERATIONS. Clearly sho		sales on 1/20/12.	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 23, 2012			
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUI</b> 303 312-8115	MBER	TITLE Permit Analyst				
SIGNATURE N/A			<b>DATE</b> 1/23/2012				

Sundry Number: 22102 API Well Number: 43007501050000 FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

	STATE OF UTAH		FORM 9
I	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73669
SUNDR	RY NOTICES AND REPORTS O	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly d reenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 6A-20D-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007501050000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300		PHONE NUMBER: 03 312-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0738 FNL 2161 FWL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 20 Township: 12.0S Range: 15.0E Merid	ian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
Approximate date work will start:	✓ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
1/15/2012	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:
12 DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show a		lenths volumes atc
This sundry is being add four more 300-to facilitate an inc placed in previous	submitted to inform the BLM bbl low profile tanks to the Perease in production quality. Itsly disturbed area next to the rner of the pad. Please contact 303-312-8115 with question	If that BBC would like to trickly Pear NW 20 pad The new tanks will be existing tanks on the ct Brady Riley at	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 01, 2012
NAME (PLEASE PRINT)	PHONE NUMBE		
Brady Riley	303 312-8115	Permit Analyst	
<b>SIGNATURE</b>   N/A		<b>DATE</b> 1/12/2012	

	STATE OF UTAH			FORM 9			
	DEPARTMENT OF NATURAL RESOL DIVISION OF OIL, GAS, AND N		3	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73669			
SUNDR	RY NOTICES AND REPORT	SON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
Do not use this form for procurrent bottom-hole depth, FOR PERMIT TO DRILL form	oposals to drill new wells, significan reenter plugged wells, or to drill hor n for such proposals.	tly deep izontal l	en existing wells below aterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR			
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: PRICKLY PEAR U FED 6A-20D-12-15			
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43007501050000					
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300	, Denver, CO, 80202		NE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0738 FNL 2161 FWL				COUNTY: CARBON			
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 20 Township: 12.0S Range: 15.0E M	leridian:	S	STATE: UTAH			
11. CHEC	K APPROPRIATE BOXES TO INDIC	CATE N	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA			
TYPE OF SUBMISSION			TYPE OF ACTION				
	ACIDIZE		ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL NAME			
Approximate date work will start.	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	□ F	FRACTURE TREAT	☐ NEW CONSTRUCTION			
	OPERATOR CHANGE		PLUG AND ABANDON	PLUG BACK			
SPUD REPORT	PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON			
✓ DRILLING REPORT	TUBING REPAIR		/ENT OR FLARE	☐ WATER DISPOSAL			
Report Date: 1/31/2012	WATER SHUTOFF		SI TA STATUS EXTENSION	APD EXTENSION			
., ., .,	WILDCAT WELL DETERMINATION	□ (	OTHER	OTHER:			
	COMPLETED OPERATIONS. Clearly sho			Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 07, 2012			
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NU</b> 303 312-8115	MBER	TITLE Permit Analyst				
SIGNATURE N/A			<b>DATE</b> 2/6/2012				
L + *// *							



			State/Provinc	e Count	ty	Field Name		/13/2012 06  Well Status		Total Depth (ftKB) Primary Job Type				
3-007-5		I	UT		RBON	West Tavap	puts			7,323.0 Drilling & Completi	on			
ime Lo	<u> </u>	- ·-	1		2 :									
Start Time 06:00	Dur (hr)	End Time 06:30	SMTG	Safety Meeti	Category	80	afety me	ooting		Com				
					iig				iver DII 40 ft	nort aug DIII correlate to about it aug to no				
06:30		07:30	PFRT	Perforating		de sho tur	Cutters EI stage 1 Price River.PU 10 ft. perf gun RIH correlate to short jt. run to perf depth Perforate,7105-7109,7026-7028, 6998-7000,6969-6971, POOH, MU new gun RII shoot existing guns from 7486- 3 SPF.120 phasing, 23 gram charge350 holes. POOH turn well over to frac.							
07:30	2.00	09:30	FRAC	Frac. Job		BP BP BP gal Co we	RU HES frac stage 1 Price River 70 Q foam frac. Load & Break @ 4139 PSI @ 15.2 BPM. Avg Wellhead Rate: 34.7 BPM. Avg Slurry Rate: 16.4 BPM. Avg CO2 Rate: 20.9 BPM. Avg Pressure: 5784 PSI. Max Wellhead Rate: 45.8 BPM. Max Slurry Rate: 26.9 BPM. Max CO2 Rate: 20.9 BPM. Max Pressure: 6383 PSI. Total Fluid Pumped: 49,081 gal. Total Sand in Formation: 276,100 lb.(20/40 White) Linde CO2 Downhole & Cooldown: 341 ton. ISIP: 3,629 PSI. Frac Gradient: 0.96 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 1000 gal. fluid cap.  Pump 5 # sand with crosslink gel system.							
0.00	4.00	40.40	DEDT	Danfanation		0		L-t 0 @ D-i-	- Dissa - DILLU	C OFD	- 4-			
09:30	1.20	10:42	PFRT	Perforating		sho 683	ort jt. ru 36-683	ın to setting dep	th set CFP @ 731-6733, 671	ES CFP with 10 ft. perf guns. RIH correlate 6870 ft. PU . Pressure up casing. Perforat 6-6718, 6700-6702, 3 SPF, 120 phasing, all over to frac.	e @			
10:42	1.50	12:12	FRAC	Frac. Job		Av Av Ma To Co	HES frac stage 2 Price River 70 Q foam frac. Load & Break @ 4684 PSI @ 18.2 BPM Avg Wellhead Rate: 39.4 BPM. Avg Slurry Rate: 16.5 BPM. Avg CO2 Rate: 21.1 BPM Avg Pressure: 6066 PSI. Max Wellhead Rate: 46.7 BPM. Max Slurry Rate: 20.2 BPM. Max CO2 Rate: 25.3 BPM. Max Pressure: 6402 PSI. Total Fluid Pumped: 48,713 gal. Total Sand in Formation: 264,600 lb.(20/40 White) Air liquide CO2 Downhole & Cooldown: 325 ton. ISIP: 3,774 PSI. Frac Gradient: 1.00 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 1000 gal. fluid cap.							
2:12	17.80	06:00	LOCL	Lock Wellhe	ad & Secure	e Ws	SI SDF	-N						
Drick	ly Poar I	- - Pd +	£6Δ-20	D-12-15	1/13/2	012 06:00	- 1	14/2012 06	3:00					
PI/UWI	iy i cai i		State/Provinc				- 1/	17/2012 00	J. UU					
13-007-5					tv	Field Name		Well Status	T	Total Depth (ftKB) Primary Job Type				
-	0105	Į.	UT		ry RBON	Field Name West Tavap	puts	Well Status		Total Depth (ftKB) Primary Job Type 7,323.0 Drilling & Completi	on			
ime Lo		ļ	UT			l l	puts	Well Status			on			
ime Lo Start Time	<b>g</b> Dur (hr)	End Time	UT Code	CAF	RBON	West Tavap					on			
ime Lo tart Time 6:00	9 Dur (hr) 0.50	End Time	Code SMTG		RBON	West Tavap	afety me	eeting		7,323.0 Drilling & Completi				
Time Lo Start Time 06:00 06:30	9 Dur (hr) 0.50	End Time	UT Code	CAF	RBON	West Tavap	afety me utters E ort jt. ru	eeting I stage 3 @ Pricum to setting dep 6, 6580-6582, 63	e River. PU HI th set CFP @ 558-6560, 651	7,323.0 Drilling & Completi	e to			
Start Time 06:00 06:30	Dur (hr) 0.50 1.00	End Time	Code SMTG	CAF Safety Meeti	RBON	Sa Cu she 64t pha HI BP BP BP BP gal & 6	afety me atters E ort jt. ru. 04-660 assing, 2 ES frace PM. Avg PM. Avg PM. Ma. II. Total Cooldo	eeting I stage 3 @ Pricum to setting dep 6, 6580-6582, 623 gram charge. I stage 3 Dark Cig Wellhead Rate gy Pressure: 5278 x CO2 Rate: 24. Sand in Formatiwn: 479 ton. ISIF	e River. PU HI th set CFP @ 558-6560, 651 .350 holes. Po anyon 70 Q for 3 39.4 BPM. We 9 BPM. Max Pon: 400,300 lb 2: 3,475 PSI. F	7,323.0 Drilling & Completi Com  ES CFP with 12 ft. perf guns. RIH correlate 6630 ft. PU . Pressure up casing. Perforat 4-6516, 6487-6489, 6466-6468, 3 SPF, 13	e to e @ 20 3 20.7 40.7 7,28			
Start Time 06:00	9 Dur (hr) 0.50 1.00 2.25	End Time 06:30 07:30	Code SMTG PFRT	Safety Meeti Perforating	RBON	West Tavap	afety me utters E ort jt. ru 04-660 assing, ; ES frace PM. Avg PM. Avg PM. I. Total Cooldo ellbore v	eeting I stage 3 @ Pricum to setting dep 6, 6580-6582, 6: 23 gram charge. E stage 3 Dark Cag Wellhead Rate 9 Pressure: 5278 x CO2 Rate: 24. Sand in Formati wn: 479 ton. ISIF with 50Q foam 50 I stage 4 @ Nort un to setting dep	e River. PU Hi th set CFP @ 558-6560, 651 .350 holes. Po anyon 70 Q fo: 39.4 BPM. Ax PSI. Max We 9 BPM. Max We 9 BPM. Max Pon: 400,300 lb 2: 3,475 PSI. Fo: 0 bbl over flusi h Horn. PU Hi th set CFP @ 340-6342, 632	7,323.0 Drilling & Completi  Com  ES CFP with 12 ft. perf guns. RIH correlate 6630 ft. PU . Pressure up casing. Perforat 4-6516, 6487-6489, 6466-6468, 3 SPF, 1: OOH turn well over to frac. am frac. Load & Break @ 4261 PSI @ 18. vg Slurry Rate: 16.6 BPM. Avg CO2 Rate: Illhead Rate: 40.7 BPM. Max Slurry Rate: Pressure: 5600 PSI. Total Fluid Pumped: 6 0.(20/40 White) Air liquide/Linde CO2 Dov Frac Gradient: 0.97 psi/ft. Successfully fluin with 1000 gal. fluid cap.  ES CFP with 8 ft. perf guns. RIH correlate 6420 ft. PU . Pressure up casing. Perforat 9-6331, 3 SPF, 120 phasing, 23 gram cha	3 20.77,281 40.777,281 to e @			
Fime Lo Start Time 106:00 106:30 107:30	9 Dur (hr) 0.50 1.00 2.25	End Time 06:30 07:30	Code SMTG PFRT	Safety Meeti Perforating Frac. Job	RBON	Sa Cu she 64t pha Hf BP BP BP gal & 0 we Cu she 633 .35 Hf Av Av Ma To Co	afety meditters E cort jt. ru. 04-660 assing, it is frace PM. Avg PM. Avg PM. Mail. Total Cooldoo ellbore votes frace g Wellf g Pressax CO2 total San boldowr	eeting I stage 3 @ Pricum to setting dep 6, 6580-6582, 623 gram charge. I stage 3 Dark Cig Wellhead Rate g Pressure: 5278 x CO2 Rate: 24. Sand in Formativn: 479 ton. ISIF with 50Q foam 50 in to setting dep 3, 6370-6372, 63 is. POOH turn we stage 4 North Flead Rate: 40.3 sure: 5738 PSI. Rate: 24.2 BPM d in Formation: 176 ton. ISIP:	e River. PU HI th set CFP @ 558-6560, 651 .350 holes. Po anyon 70 Q fo: 39.4 BPM. Ax Pe 9 BPM. Max Pe 9 BPM. Max Pe 10 bbl over flusi h Horn. PU HI th set CFP @ 1340-6342, 632 ell over to frac. orn 50 Q foan BPM. Avg Slu Max Wellheau Max Wellheau I. Max Pressui 160,300 lb.(20 13,836 PSI. Fra	7,323.0 Drilling & Completi  Com  ES CFP with 12 ft. perf guns. RIH correlate 6630 ft. PU . Pressure up casing. Perforat 4-6516, 6487-6489, 6466-6468, 3 SPF, 1: OOH turn well over to frac. am frac. Load & Break @ 4261 PSI @ 18. vg Slurry Rate: 16.6 BPM. Avg CO2 Rate: Illhead Rate: 40.7 BPM. Max Slurry Rate: Pressure: 5600 PSI. Total Fluid Pumped: 6 0.(20/40 White) Air liquide/Linde CO2 Dov Frac Gradient: 0.97 psi/ft. Successfully fluin with 1000 gal. fluid cap.  ES CFP with 8 ft. perf guns. RIH correlate 6420 ft. PU . Pressure up casing. Perforat 9-6331, 3 SPF, 120 phasing, 23 gram cha	e to e @ 200 3 20.77,281 vnhol shed tto e @ arge.  BPM. BPM. PM. Jeff 18 28 28 28 28 28 28 28 28 28 28 28 28 28			
Fime Lo Start Time 106:00 106:30 107:30 11:00	9 Dur (hr) 0.50 1.00 2.25	End Time 06:30 07:30 09:45	Code SMTG PFRT	Safety Meeti Perforating Frac. Job Perforating	RBON	Sa Cu sh 64 ph: HI BP BP gal & 0 we  Cu sh 63: .35 HI Av Av Av Ma To Co we	afety meathers E ort jt. ru. 04-660 asing, 2 ES frace PM. Avg PM. Ma. II. Total Cooldo ellbore vote itters E ort jt. ru. 191-639 50 holes ES frace yg Welling PM. Gooddown ellbore vote itters in the pooldown ellbore vote it in the pooldown ellbore vote in the pooldown ellbore vote it in the pooldown ellbore vote in the pool in the po	eeting I stage 3 @ Pricum to setting dep 6, 6580-6582, 623 gram charge. I stage 3 Dark Cig Wellhead Rate g Pressure: 5278 x CO2 Rate: 24. Sand in Formativn: 479 ton. ISIF with 50Q foam 50 in to setting dep 3, 6370-6372, 63 is. POOH turn we stage 4 North Flead Rate: 40.3 sure: 5738 PSI. Rate: 24.2 BPM d in Formation: 176 ton. ISIP:	e River. PU HI th set CFP @ 558-6560, 651 .350 holes. Po anyon 70 Q for anyon 70 Q for 9 BPM. Max We 9 BPM. Max Pon: 400,300 lb 2: 3,475 PSI. For 0 bbl over flusi h Horn. PU HI th set CFP @ 340-6342, 632 ell over to frac. lorn 50 Q folan BPM. Avg Slu Max Wellhead I. Max Pressu 160,300 lb.(20 3,836 PSI. Fra 0 bbl over flusi	7,323.0 Drilling & Completi  Com  ES CFP with 12 ft. perf guns. RIH correlate 6630 ft. PU . Pressure up casing. Perforat 4-6516, 6487-6489, 6466-6468, 3 SPF, 1: OOH turn well over to frac.  am frac. Load & Break @ 4261 PSI @ 18. wg Slurry Rate: 16.6 BPM. Avg CO2 Rate: Illhead Rate: 40.7 BPM. Max Slurry Rate: Illhead Rate: 40.7 BPM. Max Slurry Rate: Pressure: 5600 PSI. Total Fluid Pumped: 60. (20/40 White) Air liquide/Linde CO2 Doverac Gradient: 0.97 psi/ft. Successfully fluin with 1000 gal. fluid cap.  ES CFP with 8 ft. perf guns. RIH correlate 6420 ft. PU . Pressure up casing. Perforat 9-6331, 3 SPF, 120 phasing, 23 gram charter frac. Load & Break @ 4687 PSI @ 18.1 rry Rate: 23.5 BPM. Avg CO2 Rate: 16.2 I Rate: 41.9 BPM. Max Slurry Rate: 27.6 Bre: 6587 PSI. Total Fluid Pumped: 43,568 (40 White) Air liquide/Linde CO2 Downhold of Gradient: 1.04 psi/ft. Successfully flushed constructions.	e to e @ 200 3 20.77,281 vnhol shed tto e @ arge.  BPM. BPM. PM. Jeff 18 28 28 28 28 28 28 28 28 28 28 28 28 28			
Fime Lo Start Time 10:00 10:30 10:30 10:30 11:00 12:00	9 Dur (hr) 0.50 1.00 1.00 1.25 1.25	End Time 06:30 07:30 07:30 11:00 12:00	PFRT  FRAC	Safety Meeti Perforating  Frac. Job  Perforating	Category	West Tavap  Sa  Cu she 644 ph: HI BP BP Gal & ( we  Cu she 63: .35 HI Av Av Ma To Co we	afety me atters E ort jt. ru. 04-660 assing, 2 ES frace PM. Avg PM. Av	eeting I stage 3 @ Pricum to setting dep 6, 6580-6582, 69 23 gram charge. E stage 3 Dark Cog Wellhead Rate 9 Pressure: 5278 x CO2 Rate: 24. Sand in Formati wn: 479 ton. ISIF with 50Q foam 50 I stage 4 @ Nort un to setting dep 3, 6370-6372, 69 s. POOH turn well E stage 4 North Feed Rate: 40.3 sure: 5738 PSI. I Rate: 24.2 BPM d in Formation: 176 ton. ISIP: with 50Q foam 50 out of CO2 SDFN	e River. PU Hi th set CFP @ 558-6560, 651 .350 holes. Po anyon 70 Q for .39.4 BPM. Ax PSI. Max We 9 BPM. Max Pon: 400,300 lb .2: 3,475 PSI. Fon: 400,300 lb .3: 3,475 PSI. Fon: 400,300 lb .4: 340-6342, 632 ell over to frac. .5: 300 pm. Avg Slu .5: 300 pm. Avg Slu .6: 300 lb. (20 .3,836 PSI. Fra .5: 3,836 PSI. Fra .5: 5: 5: 5: 5: 5: 5: 5: 5: 5: 5: 5: 5: 5	7,323.0 Drilling & Completi  Com  ES CFP with 12 ft. perf guns. RIH correlate 6630 ft. PU . Pressure up casing. Perforat 4-6516, 6487-6489, 6466-6468, 3 SPF, 1: OOH turn well over to frac.  am frac. Load & Break @ 4261 PSI @ 18. wg Slurry Rate: 16.6 BPM. Avg CO2 Rate: Illhead Rate: 40.7 BPM. Max Slurry Rate: Illhead Rate: 40.7 BPM. Max Slurry Rate: Pressure: 5600 PSI. Total Fluid Pumped: 60. (20/40 White) Air liquide/Linde CO2 Doverac Gradient: 0.97 psi/ft. Successfully fluin with 1000 gal. fluid cap.  ES CFP with 8 ft. perf guns. RIH correlate 6420 ft. PU . Pressure up casing. Perforat 9-6331, 3 SPF, 120 phasing, 23 gram charter frac. Load & Break @ 4687 PSI @ 18.1 rry Rate: 23.5 BPM. Avg CO2 Rate: 16.2 I Rate: 41.9 BPM. Max Slurry Rate: 27.6 Bre: 6587 PSI. Total Fluid Pumped: 43,568 (40 White) Air liquide/Linde CO2 Downhold of Gradient: 1.04 psi/ft. Successfully flushed constructions.	e to e @ 200 3 20.7 40.7 40.7 ry.281 vnhol-shed tto e @ arge. BPM. PM. PM. le &			
Fime Lo Start Time 16:00 16:30 17:30 17:30 11:00 2:00	9	11:00 12:00 12:00	PFRT  FRAC	Safety Meeti Perforating  Frac. Job  Perforating  D-12-15	Category ng	West Tavap  Sa  Cu she 644 ph: HI BP BP Gal & ( we  Cu she 63: .35 HI Av Av Ma To Co we	afety mentiters E ort jt. ru. 04-660 assing, 2 ES frace PM. Avg PM. Av	eeting I stage 3 @ Pricular to setting dep 6, 6580-6582, 6: 23 gram charge. Estage 3 Dark Ci g Wellhead Rate g Pressure: 5278 x CO2 Rate: 24. Sand in Formati wn: 479 ton. ISIF with 50Q foam 56 I stage 4 @ Nort un to setting dep 3, 6370-6372, 6: s. POOH turn well estage 4 North Finead Rate: 40.3 sure: 5738 PSI. Rate: 24.2 BPM d in Formation: 176 ton. ISIP: with 50Q foam 56	e River. PU HI th set CFP @ 558-6560, 651 .350 holes. Po anyon 70 Q for 3 39.4 BPM. Av PSI. Max We B BPM. Max Pon: 400,300 lb th Horn. PU HI th set CFP @ 340-6342, 632 ell over to frac. lorn 50 Q foan BPM. Avg Slu Max Wellhead I. Max Pressui 160,300 lb.(20 3,836 PSI. Frac D bbl over flusi N 5:00	7,323.0 Drilling & Completi  Com  ES CFP with 12 ft. perf guns. RIH correlate 6630 ft. PU . Pressure up casing. Perforat 4-6516, 6487-6489, 6466-6468, 3 SPF, 1: OOH turn well over to frac.  am frac. Load & Break @ 4261 PSI @ 18. wg Slurry Rate: 16.6 BPM. Avg CO2 Rate: Illhead Rate: 40.7 BPM. Max Slurry Rate: Illhead Rate: 40.7 BPM. Max Slurry Rate: Pressure: 5600 PSI. Total Fluid Pumped: 60. (20/40 White) Air liquide/Linde CO2 Doverac Gradient: 0.97 psi/ft. Successfully fluin with 1000 gal. fluid cap.  ES CFP with 8 ft. perf guns. RIH correlate 6420 ft. PU . Pressure up casing. Perforat 9-6331, 3 SPF, 120 phasing, 23 gram charter frac. Load & Break @ 4687 PSI @ 18.1 rry Rate: 23.5 BPM. Avg CO2 Rate: 16.2 I Rate: 41.9 BPM. Max Slurry Rate: 27.6 Bre: 6587 PSI. Total Fluid Pumped: 43,568 (40 White) Air liquide/Linde CO2 Downhold of Gradient: 1.04 psi/ft. Successfully flushed constructions.	e to e @ 220  3 20.7 40.7 7,281 which is shed to e @ arge.  BPM. BPM. gal. ed			

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Start Time	Dur /h-s\	End Time	Code	0-1	C
6:00	Dur (hr)	End Time 06:30	Code SMTG	Safety Meeting	Safety meeting
				, ,	, ,
06:30	1.00	07:30	PFRT	Perforating	Cutters El stage5 @ North Horn. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 5788 ft. PU . Pressure up casing. Perforate @ 5728-5730, 5686-5688, 5637-5639, 5560-5562, 5471-5473, 3 SPF, 120 phasing, 23 gram charge350 holes. POOH turn well over frac
07:30	1.50	09:00			HES frac stage 5 North Horn 50 Q foam frac. Load & Break @ 3778 PSI @ 17.1 BPM. Avg Wellhead Rate: 39 BPM. Avg Slurry Rate: 21.4 BPM. Avg CO2 Rate: 15.4 BPM. Avg Pressure: 5048 PSI. Max Wellhead Rate: 41.6 BPM. Max Slurry Rate: 27.5 BPM. Max CO2 Rate: 24.2 BPM. Max Pressure: 6404 PSI. Total Fluid Pumped: 52,822 gal. Total Sand in Formation: 208,400 lb.(20/40 White) Air liquide/Linde CO2 Downhole & Cooldown: 206 ton. ISIP: 2,910 PSI. Frac Gradient: 0.96 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 1000 gal. fluid cap.
09:00	1.00	10:00			Cutters El stage 6 @ North Horn. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 5276 ft had trouble getting off of plug worked wireline several times and flowed, finially came free tested plug to 3900 psi, did not hold run down with setting tool tag 20 high POOH . PU new plug and setting tool set @ 5255 . Pressure up casing. Perforate @ 5224-5228, 5182-5184, 4920-4924 3 SPF, 120 phasing, 23 gram charge350 holes. POOH turn well over to frac.
10:00	1.00	11:00			HES frac stage 6 North Horn 50 Q foam frac. Load & Break @ 3212 PSI @ 18.3 BPM. Avg Wellhead Rate: 40.8 BPM. Avg Slurry Rate: 25.4 BPM. Avg CO2 Rate: 12.6 BPM. Avg Pressure: 3948 PSI. Max Wellhead Rate: 43 BPM. Max Slurry Rate: 27.6 BPM. Max CO2 Rate: 24 BPM. Max Pressure: 4839 PSI. Total Fluid Pumped: 36,726 gal. Total Sand in Formation: 136,300 lb.(20/40 White) Air liquide/Linde CO2 Downhole & Cooldown: 143 ton. ISIP: 2,595 PSI. Frac Gradient: 0.95 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 1000 gal. fluid cap.  Had to shut down in Padt to unplug LA pump for BA-20L repair and continue
1:00	2.00	13:00			Cutters El stage7 @ Middle Wasatch PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 4800 ft. PU . Pressure up casing. Perforate @4747-4749, 4728-4730, 4556-4558, 4536-4538, 3 SPF, 120 phasing, 23 gram charge .350 holes. POOH turn well over frac.
13:00	2.00	15:00			HES frac stage 7 Middle Wasatch 40 Q foam frac. Load & Break @ 3629 PSI @ 18.1 BPM. Avg Wellhead Rate: 40.3 BPM. Avg Slurry Rate: 25.4 BPM. Avg CO2 Rate: 13.4 BPM. Avg Pressure: 3867 PSI. Max Wellhead Rate: 42 BPM. Max Slurry Rate: 31.7 BPM. Max CO2 Rate: 24.3 BPM. Max Pressure: 5277 PSI. Total Fluid Pumped: 65,785 gal. Total Sand in Formation: 239,500 lb.(20/40 White) Air liquide/Linde CO2 Downhole & Cooldown: 190 ton. ISIP: 2,496 PSI. Frac Gradient: 0.98 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 1000 gal. fluid cap.
15:00	15.00	06:00			WSI SDFN
			6A-20	D-12-15 1/15/2012	2 06:00 - 1/16/2012 06:00
PI/UWI	, i cai i		tate/Provinc		Field Name   Well Status   Total Depth (ftKB)   Primary Job Type
			JT		West Tavaputs 7,323.0 Drilling & Completion
3-007-50	0105	I L	)	CARBON  \	West ravaputs   1 7.323.01Dfilling & Combletion

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	SMTG	Safety Meeting	Safety meeting
06:30	1.00	07:30			Cutters El stage 8 @ Middle Wasatch PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 4456 ft. PU . Pressure up casing. Perforate @4402-4404, 4198-4200, 4100-4102, 4078-4080, 4050-4052, 3986-3988, 3 SPF, 120 phasing, 23 gram charge350 holes. POOH turn well over frac.
07:30	1.50	09:00			HES frac stage 8 Middle Wasatch 40 Q foam frac. Load & Break @ 3760 PSI @ 16.5 BPM. Avg Wellhead Rate: 39.7 BPM. Avg Slurry Rate: 24.9 BPM. Avg CO2 Rate: 13.1 BPM. Avg Pressure: 3607 PSI. Max Wellhead Rate: 43.9 BPM. Max Slurry Rate: 31.6 BPM. Max CO2 Rate: 23.4 BPM. Max Pressure: 4261 PSI. Total Fluid Pumped: 64,772 gal. Total Sand in Formation: 248,200 lb.(20/40 White) Linde CO2 Downhole & Cooldown: 173 ton. ISIP: 2,706 PSI. Frac Gradient: 1.09 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 1000 gal. fluid cap.
09:00	21.00	06:00			WSI for 2 hr. open up thur Cathedral flowback equip. on choke schedule.
					Pumped total 10,207 bbls in welll
6:00		06:00			

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API/UWI		S	tate/Provinc	e	County	Field Name	9	Well Status		Total Depth (ftKB)		Primary Job Type	
43-007-5	0105	ι	JT		CARBON	West Ta			Drilling & Completion				
Time Lo	9				•	•		•					
Start Time	Dur (hr)	End Time	Code		Category					Com			
06:00	24.00	06:00	FBCK	Flowba	ck Well		Flowback	k Well to clean up C	CO2				
	y Pear I	Fed. #	6A-20	D-12-	-15 1/24/2	2012 00:0	00 - 1	/25/2012 06:	:00				
API/UWI		1 -	tate/Provinc	е	County	Field Name		Well Status		Total Depth (ftKB)		Primary Job Type	
43-007-5		ι	JT		CARBON	West Ta	avaputs				7,323.0	Drilling & Completion	
Time Lo	9												
Start Time	Dur (hr)	End Time	Code		Category		Com						
00:00	2.00	02:00	SRIG	Rig Up	/Down		MIRU COIL TUBING SERVICES.						
02:00	20.00	22:00	СТИ	Clean (	Out		RIH W/ 3-7/8 BLADED MILL, QES MOTOR ON 2" COIL. D/O 4-1/2 CFP'S @ 4456' 4800', 5276', 5255', 5788', 6420', 6630' & 6870'. C/O TO PBTD @ 7274'. CIRC CLE FOR 1 HR. POOH W/ MILL. FLOW N2 OUT OF WELL. OPEN TO SALES LINE.						

www.peloton.com Page 3/3 Report Printed: 2/2/2012

Form 3160-4 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR RUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

			BUKEA		ZYATA TAT	WIAWO	STATESTA T										
	WELL (	COMP	LETION C					ORT	AND L	.OG				ease Serial 1 TU73669	No.		
la. Type o	-	Oil Wel	I 🖪 Gas		☐ Dry	00									ottee o	r Tribe Name	
b. Type o	f Completion	Cth	New Well er	☐ Work	k Over	De	epen [ 	<b>]</b> Plug	Back	Dif	ff. Re	SVI.	7. Ų	nit or CA A	greem	ent Name and No.	
2. Name of	Operator ARRETT CO	ORPOR/	ATION E	-Mail: m	Coi finnega	ntact: Mi	EGAN FIN	INEG/ com	AN				8. L	ase Name	and W	ell No. UNIT FEDERAL 6A-20	D-12-15
3. Address		H STRE	ET SUITE 2	300			3a. Pho Ph: 30	one No 3-299	o. (include 9-9949	area co	ode)		9. A	PI Well No	•	43-007-50105	
4 Location			tion clearly ar	d in acco	rdance v	vith Fede	ral require	ments	) <del>*</del>				10. 1	ield and Po	ol, or	Exploratory	
At surfa		_	L 2161FWL						•				11. S	RICKLY F	EAR M., or	Block and Survey	
At top n	rod interval i	renorted l	nelow NEN	IW 1248	FNL 20	40FWL							0	Area Se	20 T	12S R15E Mer SLB	
At total	depth NEI	NW 125	pelow NEN えっしり PFNL 2018F	WL.									C	County or P ARBON		13. State UT	
14. Date Sp 07/17/2			15. D	ite T.D. F /21/2011	Reached			D&	Complete A <b>20</b> 0/2012	ed Ready t	to Pro	d.	17. I	Elevations ( 75	DF, KI IO GL	B, RT, GL)*	•
18. Total D	epth:	MD TVD	7323 7266		19. Plug	Back T.	D.: N	MD TVD	72	75 <del>16</del> 7 á	118	20. Dep	th Bri	dge Plug Se	ıt:	MD TVD	
21. Type E	lectric & Oth	er Mech	inical Logs R REHOLE, M	un (Subm	it copy	of each)						all cored	?	No No	□ Ye	(Submit analysis)	
		v										ST run? onal Sui	vey?	M No M No No	Yes Yes	s (Submit analysis) s (Submit analysis) s (Submit analysis)	
23. Casing a	nd Liner Rec	ord (Rep	ort all strings T									01			-		
Hole Size				Top (MD)		ottom (MD)	Stage Cen Dept			f Sks. & f Ceme		Slurry (BB		Cement '		Amount Pulled	
24.000		0 COND			0	40	·	40						0			
12.250	-	325 J-55			0	1052		1035 520				111 0					
7.875	4,50	10 P-110	11.6		0	7323		7320		1465			424		108	15000	
									<u> </u>							<u></u> ,	
24. Tubing	Record					1		<del>- 1</del> -					Т_		<u> T</u>	D. J D J. 0.50)	
Size	Depth Set (M	<u>(D) I</u>	Packer Depth	(MD)	Size	Dept	Set (MD)	P	acker Der	oth (MC	<u>)</u>	Size	De	pth Set (M	"	Packer Depth (MD)	
25. Produci	ng Intervals					26.	Perforation	n Reco	rd								
Fo	ormation		Top		Bottom		Perfe	orated.	Interval		_	Size	_	lo. Holes		Perf. Status	
A)	WASA	TCH		3986	65	16			3986 T		_	0.3			OPE		
В)	MESAVE	RDE		6558	71	09			6558 T	O 7109	4—	0,3	50	<u>78</u>	OPE	<u>N</u>	
<u>C)</u>											+-		+	<del></del>	-		
D)	t The at		ment Squeeze	17to			· · · · · · · · · · · · · · · · · · ·				ــــــــــــــــــــــــــــــــــــــ				<b>I</b>		
	Depth Interve		ment Squeeze	, DW.				Δ,	mount and	Type	of Ma	terial					
-	do Debru Tureras	BR TO A	516 WASAT	CH: SEE	TREATI	MENT ST	AGES 4 - 8	3 4 111	myunt uno	<u> , , , , , , , , , , , , , , , , , ,</u>	JA 4144	172 1111					
			109 MESAV														
28. Product	ion - Interval	A															
Date First	Test	Hours	Test	Oil	Gas		later	Oll Gr		G			Product	on Method			
Produced 01/20/2012	Date 01/20/2012	Tested 24	Production	BBL 0.0	MCF 25	78.0	BL 27.0	Corr.	API	G	ravity			FLOV	VS FR	OM WELL	
Choke	Tbg. Press.	Cag.	24 Hr.	Oil	Gas		later Tot	Gas:O	il .	W	ell Stat	<b>u</b> 8					
Size 48/64	Flwg. SI	Press. 491.0	Rate	BBL 0	MCF 2	578	BL 27	Ratio	0		PG	W			RE	CEIVED	
28a. Produc	tion - Interva	l B				<del>,-</del>		T						75.6.4		*** * A A A A A A A A A A A A A A A A A	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Valer BL	Oil Gr Corr. A		G	as ravity		Product	ion Method	FE	EB 0 9 2012	
Choke Size	Tog. Press. Plwg.	Cag. Press.	24 Hr. Rate	Oil BBL	Gus MCF		/ater BL	Gas:O Ratio	il	w	Vell Status DIV. OF OIL, GAS & MI				OIL, GAS & MINING	ì	

											<u></u>		
	ction - Interve		1= :	lo:	la.	T	Louin-th.		a	Duration Medical			
Date First Produced	Test Date	Hours Tested	Test Production	BBL Oil	Gen MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production Method			
Choke Size	Tbg. Press. Flwg. SI	Cag, Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		Well Status				
28c. Produ	ction - Interve	l D			<u> </u>								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production Method		· · · · · · · · · · · · · · · · · · ·	
Choke Size	Tbg. Press. Flwg. SI	Cag. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		Weil Status			· · · · ·	
29. Dispos SOLD	29. Disposition of Gas(Sold, used for fuel, vented, etc.) SOLD												
30. Summa	ry of Porous	Zones (Incl	ude Aquife	rs):					31. For	mation (Log) Marke	rs		
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.													
Formation			Тор	Bottom		Description	iptions, Contents, etc. Name				Top Meas, Depth		
arout	mal remarks (i ras calculate: 8 3/4 hole si ole size was	70 Wae He	ed to drill t	mm the ho	tiom of sur	face casind	was cemented to 5294' then	l with	NO DAI	SATCH RTH HORN RK CANYON CE RIVER		2824 4738 6539 6740 7323	
33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.)  2. Geologic Report  3. DST Report  4. Direction  5. Sundry Notice for plugging and cement verification  6. Core Analysis  7 Other:										l. Direction	al Survey		
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #130568 Verified by the BLM Well Information System.  For BILL BARRETT CORPORATION, sent to the Price													
Name (please print) MEGAN FINNEGAN Title PERMIT ANALYST													
	Signature Date 02/09/2012												
Title 18 U.s	S.C. Section 1 ed States any f	001 and Ti alse, fictiti	tle 43 U.S.C ous or fradu	C. Section 12 lent stateme	212, make it ents or repre	a crime for sentations as	any person kno s to any matter	wingly within	and willfully i	o make to any depa	rtment or ag	ency	

## Prickly Pear Unit Federal 6A-20D-12-15 Completion Report Continued\*

44. ACID, FI	RACTURE, TREATME	NT, CEMENT SQUEEZE, ETC. (cont.)							
	AMOUNT AND TYPE OF MATERIAL								
Stage	Bbls Slurry	lbs 20/40 White Sand							
1	1,466	276,100							
2	1,445	264,600							
3	2,033	400,300							
4	1,039	1,603							
5	1,482	208,400							
6	1,021	136,300							
7	1,824	239,500							
8	1,810	248,200							

<sup>\*</sup>Depth intervals for frac information same as perforation record intervals.

**RECEIVED** 

FEB 0 9 2012

DIV. OF OIL, GAS & MINING

## Bill Barrett Corp.

Carbon County, UT [NAD27]
Prickly Pear UF NW 20 Pad
Prickly Pear Unit Fed #6A-20D-12-15

Wellbore #1

Design: Wellbore #1

## **Standard Survey Report**

24 October, 2011

**RECEIVED** 

FEB 0 9 2012

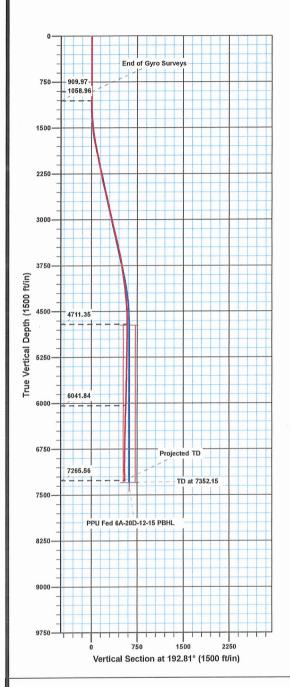
DIV. OF OIL, GAS & MINING

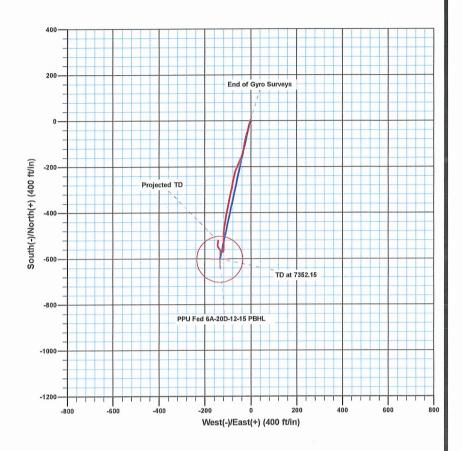


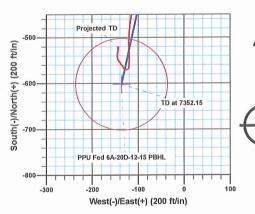
## WELL DETAILS: Prickly Pear Unit Fed #6A-20D-12-15

US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)











Azimuths to True North Magnetic North: 11.42°

Magnetic Field Strength: 52174.3snT Dip Angle: 65.55° Date: 10/13/2010 Model: IGRF200510

### **ANNOTATIONS**

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect [	Departure	Annotation
909.97	910.00	0.580	339.11	1.24	-2.53	-0.65	7.41	End of Gyro Surveys
1058.96	1059.00	0.200	10.40	2.58	-3.02	-1.84	8.84	As of Oct 19
4711.35	4768.00	1.900	264.90	-569.13	-126.81	583.09	601.04	As of Oct 20
6041.84	6099.00	1.400	356.20	-540.77	-146.34	559.76	637.59	As of Oct 21
7265.56	7323.00	0.400	164.20	-521.20	-143.86	540.13	660.91	Projected TD



### **Sharewell**

#### Survey Report



Company:

Bill Barrett Corp.

Project:

Carbon County, UT [NAD27]

Site:

Prickly Pear UF NW 20 Pad

Well:

Prickly Pear Unit Fed #6A-20D-12-15

Wellbore:

Wellbore #1

Design:

Wellbore #1

Local Co-ordinate Reference:

**TVD Reference:** 

KB @ 7521.00ft KB @ 7521.00ft

**MD Reference:** 

North Reference:

**Survey Calculation Method:** 

Database:

Minimum Curvature

Compass VM

True

**Project** 

Carbon County, UT [NAD27]

Map System:

US State Plane 1927 (Exact solution)

Geo Datum: Map Zone:

NAD 1927 (NADCON CONUS) Utah Central 4302

System Datum:

Mean Sea Level

Using geodetic scale factor

Well Prickly Pear Unit Fed #6A-20D-12-15

Site

Prickly Pear UF NW 20 Pad

Site Position:

Northing:

523,665.89 usft

Latitude:

Longitude:

39° 45' 52.09 N

From: **Position Uncertainty:**  Lat/Long

Easting: Slot Radius: 2,348,059.93 usft 1.10 ft

**Grid Convergence:** 

110° 15' 42.35 W

0.79°

Well

Prickly Pear Unit Fed #6A-20D-12-15

0.00 ft

Well Position

+N/-S +E/-W

0.00 ft 0.00 ft

Northing: Easting:

523,672,50 usft 2.348.099.66 usft Latitude: Longitude: 39° 45' 52.15 N

**Position Uncertainty** 

0.00 ft

Wellhead Elevation:

10/13/10

0.00

ft

**Ground Level:** 

110° 15' 41.84 W

52,174

7.505.80 ft

0.00

Wellbore

Wellbore #1

Magnetics

Model Name

Sample Date

Declination (°)

Dip Angle (°)

Field Strength

(nT)

IGRF200510

Wellbore #1

Design Audit Notes: Version:

1.0

Phase:

ACTUAL

Tie On Depth:

Depth From (TVD)

+E/-W

11.42

Direction

Vertical Section:

(ft)

+N/-S (ft)

0.00

(ft)

0.00

(°)

65.55

192.81

Survey Program

10/24/11 Date

From (ft)

10/24/11 12:14:14PM

To

Survey (Wellbore)

**Tool Name** 

Description

100.00 1,000.00

910.00 Gyro Surveys (Wellbore #1) 7,323.00 MWD Surveys (Wellbore #1)

MWD MWD MWD - Standard MWD - Standard

Survey

Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth (ft)	Inclination (°)	Azimuth (°)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Section (ft)	Rate (°/100ft)	Rate (°/100ft)	Rate (°/100ft)
0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.520	301.86	100.00	0.24	-0.39	-0.15	0.52	0.52	0.00
200.00	0.490	276.57	199.99	0.53	-1.20	-0.25	0.22	-0.03	-25.29
300.00	0.600	310.02	299.99	0.91	-2.02	-0.44	0.33	0.11	33.45
400.00	0.460	9.61	399.99	1.65	-2.36	-1.08	0.54	-0.14	59.59
500.00	0.470	109.28	499.98	1.91	-1.90	-1.44	0.71	0.01	99.67
600.00	0.450	135.93	599.98	1.49	-1.24	-1.18	0.21	-0.02	26.65
700.00	0.270	173.55	699.98	0.97	-0.94	-0.74	0.29	-0.18	37.62
800.00	0.770	282.76	799.98	0.89	-1.57	-0.52	0.90	0.50	109.21
900.00	0.340	298.59	899.97	1.18	-2.49	-0.60	0.45	-0.43	15.83

## **Sharewell**

Survey Report



Company:

Bill Barrett Corp.

Project: Site: Well: Carbon County, UT [NAD27] Prickly Pear UF NW 20 Pad

Prickly Pear Unit Fed #6A-20D-12-15

Wellbore:

Wellbore #1

Design: Wellbore #1

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference: Survey Calculation Method:

Database:

Well Prickly Pear Unit Fed #6A-20D-12-15

KB @ 7521.00ft

KB @ 7521.00ft True

Minimum Curvature

Compass VM

Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Section	Rate	Rate	Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
1.4			(.9	(14)	(I)				•
910.00	0.580	339.11	909.97	1.24	-2.53	-0.65	3.90	2.40	405.20
1,000.00	0.580	339.11	999.97	2.09	-2.86	-1.40	0.00	0.00	0.00
1,035.03	0.580	339.11	1,035.00	2.42	-2.98	-1.70	0.00	0.00	0.00
1,059.00	0.200	10.40	1,058.96	2.58	-3.02	-1.84	1.76	-1.59	130.54
1,154.00	1.100	231.10	1,153.96	2.17	-3.70	-1.29	1.32	0.95	-146.63
				2.50	5.07	4.70	4.00	4.70	29.44
1,249.00	2.800	204.40	1,248.90	-0.52	-5.37	1.70	1.98 2.10	1.79 1.77	-28.11 -18.23
1,345.00	4.500	186.90	1,344.71	-6.39	-6.79	7.74			
1,440.00	5.600	188.90	1,439.34	-14.67	-7.95	16.07	1.17	1.16	2.11
1,535.00	7.400	196.00	1,533.72	-25.14	-10.36	26.81	2.07	1.89	7.47
1,630.00	8.500	197.60	1,627.81	-37.71	-14.16	39.91	1.18	1.16	1.68
1,725.00	10.500	194.00	1,721.50	-52.80	-18.38	55.56	2.20	2.11	-3.79
1,820.00	11.000	195.30	1,814.84	-69.94	-22.87	73.27	0.58	0.53	1.37
1,915.00	12.900	190.30	1,907.78	-89.12	-27.16	92.92	2.28	2.00	-5.26
2,010.00	11.700	190.30	2,000.59	-109.03	-30.77	113.14	1.26	-1.26	0.00
2,105.00	11.500	191.90	2,093.65	-127.78	-34.45	132.23	0.40	-0.21	1.68
0.000.00	44.000	407 E0	2,186.68	-146.38	-39.35	151.47	1.27	0.42	5.89
2,200.00	11.900	197.50	•		-39.33 -46.49	171.10	1.56	0.10	7.50
2,296.00	12.000	204.70	2,280.61	-164.89		171.10	1.26	1.26	0.00
2,391.00	13.200	204.70	2,373.32	-183.72	-55.15				
2,486.00	13.500	202.30	2,465.75	-203.83	-63.89	212.93	0.66	0.32	-2.53
2,581.00	13.700	194.00	2,558.10	-225.01	-70.82	235.11	2.06	0.21	-8.74
2,676.00	12.500	195.00	2,650.62	-245.86	-76.21	256.63	1.29	-1.26	1.05
2,771.00	12.100	187.20	2,743.45	-265.67	-80.12	276.82	1.80	-0.42	-8.21
2,866.00	11.700	191.10	2,836.41	-285.00	-83.22	296.36	0.95	-0.42	4.11
2,961.00	12.300	193.70	2,929.33	-304.28	-87.47	316.10	0.85	0.63	2.74
3,056.00	13.700	191.60	3,021.89	-325.13	-92.13	337.47	1.56	1.47	-2.21
0.450.00	42.200	101.40	3,115.45	-346.22	-96.42	358.98	1.56	-1.56	-0.21
3,152.00	12.200	191.40 192.80	3,208.14	-366.55	-100.79	379.78	1.00	0.95	1.47
3,247.00	13.100				-105.58	402.11	1.07	1.05	-0.84
3,342.00	14.100	192.00	3,300.48	-388.37					
3,437.00	13.400	188.90	3,392.76	-410.57	-109.69	424.67	1.07	-0.74 1.27	-3.26
3,532.00	12.100	188.10	3,485.41	-431.30	-112.80	445.57	1.38	-1.37	-0.84
3,627.00	11.300	190.30	3,578.44	-450.32	-115.86	464.80	0.96	-0.84	2.32
3,722.00	10.100	186.40	3,671.79	-467.75	-118.46	482.37	1.47	-1.26	-4.11
3,817.00	9.300	183.80	3,765.43	-483.69	-119.89	498.23	0.96	-0.84	-2.74
3,912.00	7.700	184.50	3,859.38	-497.69	-120.90	512.11	1.69	-1.68	0.74
4,007.00	7.600	178.50	3,953.54	-510.32	-121.24	524.50	0.85	-0.11	-6.32
4 400 00	7.000	177.60	4 047 70	522.00	-120.81	536.65	0.13	0.00	-0.95
4,102.00	7.600	177.60	4,047.70	-522.88 535.35			0.13	-0.11	-0.93
4,197.00	7.500	177.20	4,141.88	-535.35	-120.24	548.68			
4,292.00	6.000	182.60	4,236.22	-546.50	-120.16	559.54	1.71	-1.58 4.47	5.68
4,387.00	4.600	182.10	4,330.81	-555.27	-120.53	568.17	1.47	-1.47	-0.53
4,482.00	3.700	181.60	4,425.56	-562.14	-120.75	574.92	0.95	-0.95	-0.53
4,587.00	2.200	218.00	4,530.43	-567.11	-122.09	580.07	2.22	-1.43	34.67
4,672.00	1.400	254.40	4,615.39	-568.68	-124.09	582.04	1.60	-0.94	42.82
4,768.00	1.900	264.90	4,711.35	-569.13	-126.81	583.09	0.61	0.52	10.94

## **Sharewell**

Survey Report



Company:

Bill Barrett Corp.

Project: Site: Carbon County, UT [NAD27] Prickly Pear UF NW 20 Pad

Well:

Prickly Pear Unit Fed #6A-20D-12-15

Wellbore: Design: Wellbore #1 Wellbore #1

7,323.00

0.400

164.20

7,265.56

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference: Survey Calculation Method:

Database:

Well Prickly Pear Unit Fed #6A-20D-12-15

KB @ 7521.00ft

KB @ 7521.00ft

True

Minimum Curvature

0.00

540.13

-143.86

0.00

0.00

Compass VM

Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
4,863.00	1.100	297.10	4,806.31	-568.86	-129.19	583.34	1.19	-0.84	33.89
4,958.00	1.500	316.90	4,901.29	-567.54	-130.85	582.42	0.63	0.42	20.84
5,053.00	1.800	330.50	4,996.25	-565.33	-132.44	580.62	0.52	0.32	14.32
5,149.00	1.200	339.40	5,092.22	-563.08	-133.53	578.67	0.67	-0.63	9.27
5,244.00	1.200	314.30	5,187.20	-561.45	-134.59	577.32	0.55	0.00	-26.42
5,349.00	1.500	308.30	5,292.17	-559.83	-136.46	576.15	0.32	0.29	-5.71
5,434.00	1.600	338.10	5,377.14	-558.04	-137.77	574.70	0.94	0.12	35.06
5,529.00	1.500	316.50	5,472.11	-555.91	-139.13	572.92	0.62	-0.11	-22.74
5,624.00	1.800	336.10	5,567.07	-553.64	-140.59	571.03	0.67	0.32	20.63
5,719.00	1.800	314.80	5,662.02	-551.23	-142.25	569.05	0.70	0.00	-22.42
5,814.00	1.800	323.50	5,756.97	-548.98	-144.20	567.28	0.29	0.00	9.16
5,909.00	2.000	347.00	5,851.92	-546.16	-145.46	564.82	0.84	0.21	24.74
6,004.00	1.600	350.60	5,946.88	-543.24	-146.05	562.10	0.44	-0.42	3.79
6,099.00	1.400	356.20	6,041.84	-540.77	-146.34	559.76	0.26	-0.21	5.89
6,194.00	2.200	5.70	6,136.80	-537.80	-146.23	556.84	0.90	0.84	10.00
6,289.00	1.800	17.10	6,231.74	-534.56	-145,61	553.54	0.59	-0.42	12.00
6,384.00	1.800	357.90	6,326.69	-531.64	-145.23	550.61	0.63	0.00	-20.21
6,480.00	1.300	13.90	6,422.66	-529.08	-145.02	548.06	0.68	-0.52	16.67
6,575.00	1.200	19.30	6,517.63	-527.09	-144.44	546.00	0.16	-0.11	5.68
6,670.00	1.500	353.80	6,612.61	-524.92	-144.24	543.83	0.70	0.32	-26.84
6,765.00	0.900	338.70	6,707.59	-522.99	-144.65	542.04	0.71	-0.63	-15.89
6,860.00	0.900	15.00	6,802.58	-521.57	-144.73	540.68	0.59	0.00	38.21
6,956.00	0.300	355.10	6,898.57	-520.59	-144.55	539.68	0.65	-0.63	-20.73
7,051.00	0.500	34.70	6,993.57	-520.00	-144.34	539.06	0.35	0.21	41.68
7,146.00	0.400	169.90	7,088.57	-519.99	-144.04	538.98	0.88	-0.11	142.32
7,241.00	0.400	180.60	7,183.57	-520.65	-143.99	539.61	0.08	0.00	11.26

Design A	nnotations				
	Measured	Vertical	Local Coo	rdinates	
	Depth (ft)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment
	910.00	909.97	1.24	-2.53	End of Gyro Surveys
	1,059.00	1,058.96	2.58	-3.02	As of Oct 19
	4,768.00	4,711.35	-569.13	-126.81	As of Oct 20
	6,099.00	6,041.84	-540.77	-146.34	As of Oct 21
	7,323.00	7,265.56	-521.20	-143.86	Projected TD

-521.20

Checked Bv:	Approved By:	Date:	

### FORM 6

### STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS AND MINING

<b>ENTITY ACTION FORM</b>	EN	T	ITY	A	CT	10	Ν	FO	RI	И
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Operator:

**Bill Barrett Corporation** 

Operator Account Number: N 2165

Address:

1099 18th Street, Suite 2300

city Denver

state CO

zip 80202

Phone Number: (303) 312-8115

#### Well 1

API Number	Well I	QQ	Sec	Twp	Rng	County	
4300750105	Prickly Pear Unit Fede	NENW	20	128	15E	Carbon	
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
d	18105	14794	7	7/17/201	1		12/1/2011
Comments: Revi	sed EA number now that	this well is in the PA	١.			11/	15/2012

#### Well 2

API Number	Well I	Well Name QQ Sec T				p Rng Coun		
4300750104	Prickly Pear Unit Fede	ral 6-20d-12-15 NENW 20 12S				15E Carbon		
Action Code	Current Entity Number	New Entity Number	S	Spud Date		Entity Assignment Effective Date		
đ	18106	14794	7	/17/201	1		12/1/2011	
omments: Revi	sed EA number now that	this well is in the PA	١.			11/	15/2012	

### Well 3

API Number	Well I	QQ Sec Twp			Rng County		
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- **B** Add new well to existing entity (group or unit well)
- Re-assign well from one existing entity to another existing entity
   Re-assign well from one existing entity to a new RECEIVED
- E Other (Explain in 'comments' section)

NOV 1 3 2012

**Brady Riley** 

Brady Rilley

Digitally signed by Brady Riley
DN: cn=Brady Riley, o=Bill Barrett Corp, ou=Permit
Analyst, email=briley@billbarrettcorp.com, c=US
Date: 2011.05.24 08:00:07 -06'00'

Signature

Title

Permit Analyst

11/12/2012

Date



## **United States Department of the Interior**

BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov/ut/st/en.html



IN REPLY REFER TO: 3180 (UTU79487H) UTU73669 UT922000

43.007-50105

DCT 29 2012 Prickly Pear UFed UA-2015-12-15

Mr. Matt Mulverhill **Bill Barrett Corporation** 1099 18th Street, Suite 2300 Denver, Colorado 80202

Re:

10<sup>th</sup> Revision to the Consolidated Wasatch-Mesaverde Formation PA "A-B-C-D-E" Prickly Pear Unit

Carbon County, Utah

Dear Mr. Mulverhill:

The 10<sup>th</sup> Revision to the Consolidated Wasatch-Mesaverde Formation Participating Area (PA) "A-B-C-D-E", Prickly Pear Unit, UTU79487H, is hereby approved effective as of December 1, 2011, pursuant to Section 11 of the Prickly Pear Unit Agreement, Carbon County, Utah.

The 10<sup>th</sup> Revision to the Consolidated Wasatch-Mesaverde Formation PA "A-B-C-D-E" results in the addition of 160.00 acres to the participating area for a total of 6,739.77 acres and is based on the completion of the Federal 3A-20D-12-15 well, API Number 43-007-50099, which has a bottom hole location in the NE1/4NW1/4 of Section 20, Township 12 South, Range 15 East, SLB&M, and is capable of producing unitized substances in paying quantities.

The following wells should now be reported to the Consolidated Wasatch-Mesaverde Formation PA "A-B-C-D-E", Prickly Pear Unit:

WELL NO.	API NO.	BOTTOM HOLE LOCATION	LEASE NO.
3A-20D-12-15	43-007-50099	NE¼NW¼, 20-12S-15E	UTU <b>73</b> 669
4A-20D-12-15	43-007-50101	NW¼NW¼, 20-12S-15E	UTU73669
3-20D-12-15	43-007-50098	NE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> , 20-12S-15E	UTU73669
4-20D-12-15	43-007-50100	NW¼NW¼, 20-12S-15E	UTU73669
5-20D-12-15	43-007-50102	SW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> , 20-12S-15E	UTU73669
5A-20D-12-15	43-007-50103	SW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> , 20-12S-15E	UTU73669
6-20D-12-15	43-007-50104	SE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> , 20-12S-15E	UTU73669
6A-20D-12-15	43-007-50105	NE¼NW¼, 20-12S-15E	UTU73669

For production and accounting reporting purposes, all submissions pertaining to the Consolidated Wasatch-Mesaverde Formation PA "A-B-C-D-E" shall refer to UTU79487H.

A copy of the approval is being distributed to the appropriate offices. Please advise all interested parties of the approval of the 10<sup>th</sup> Revision for the Consolidated Wasatch-Mesaverde Formation PA "A-B-C-D-E", Prickly Pear Unit, and the effective date.

If you have any questions, please contact Judy Nordstrom at (801) 539-4108.

Sincerely,

Roger L. Bankert

Chief, Branch of Minerals

Roja L Barkes

cc: UDOGM

**SITLA** 

ONRR w/Exhibit "B" (Attn: Nancy McCarty)

BLM FOM - Price w/enclosure

## Division of Oil, Gas and Mining

## **OPERATOR CHANGE WORKSHEET (for state use only)**

ROU'	TING
C	DW

	X - Change of Operator (Well Sold)	Operator Na	me Chan	ge/Merger		-					
	The operator of the well(s) listed below has chan	ged, eff	ective:			1/1/2014					
FF	ROM: (Old Operator):			<b>TO:</b> ( New O	perator):						
	165-Bill Barrett Corporation			N4040-EnerVest Operating, LLC							
•	99 18th Street, Suite 230			1001 Fannin Street, Suite 800							
	nver, CO 80202			Houston, TX 77002							
Pho	one: 1 (303) 312-8134			Phone: 1 (713) 659-3500							
	CA No.			Unit: Prickly Pear							
WE	ELL NAME	SEC T	WN RNG	API NO	ENTITY	LEASE TYPE	WELL	WELL			
					NO		TYPE	STATUS			
See	Attached List				L	<u> </u>		1			
	PERATOR CHANGES DOCUMENT. ter date after each listed item is completed (R649-8-10) Sundry or legal documentation wa (R649-8-10) Sundry or legal documentation wa	s receiv	ed from the	-		1/7/2014 1/7/2014					
3.	The new company was checked on the <b>Departs</b>			-				1/28/2014			
4a.	Is the new operator registered in the State of U		Commerce	Business Number: 8850806-0161				1/20/2014			
	(R649-9-2)Waste Management Plan has been re		on: ———	Not Yet		000000000000000000000000000000000000000	•				
	Inspections of LA PA state/fee well sites compl			Yes	-						
	Reports current for Production/Disposition & S	on:	1/24/2014	•							
6.											
	or operator change for all wells listed on Federa				BLM		BIA	N/A			
7.	Federal and Indian Units:										
	The BLM or BIA has approved the successor	of unit	operator for	r wells listed on:		Not Yet					
8.	Federal and Indian Communization Ag		-			1100 1 00	•				
•	The BLM or BIA has approved the operator f		•	•		N/A					
9.	Underground Injection Control ("UIC"				orm 5 Tran		ity to				
٠.	Inject, for the enhanced/secondary recovery un	•		•			Yes				
DA	ATA ENTRY:	ii/projet	ot for the wa	ater disposar wer	n(s) nstea o		1 65	_			
1.	Changes entered in the Oil and Gas Database	on:		1/28/2014							
2.	Changes have been entered on the Monthly Op		Change Sp		•	1/28/2014					
3.	Bond information entered in RBDMS on:			1/28/2014							
4.	Fee/State wells attached to bond in RBDMS on	:		1/28/2014	•						
5.	Injection Projects to new operator in RBDMS of			1/28/2014							
6.	Receipt of Acceptance of Drilling Procedures for					1/7/2014					
	Surface Agreement Sundry from NEW operator	on Fee	Surface we	lls received on:		1/7/2014					
BC	OND VERIFICATION:										
1.	Federal well(s) covered by Bond Number:			RLB7886	•						
2.	Indian well(s) covered by Bond Number:	RLB7886									
	3a. (R649-3-1) The <b>NEW</b> operator of any state/fee well(s) listed covered by Bond Number B008371										
3b.	The <b>FORMER</b> operator has requested a release	of liab	ility from th	neir bond on:	N/A						
Į,F	CASE INTEREST OWNER NOTIFIC	ATIO	N:								
	4. (R649-2-10) The <b>NEW</b> operator of the fee wells has been contacted and informed by a letter from the Division										
	of their responsibility to notify all interest owner		1/28/2014	uic Divisioii							
	MMENTS:			-							

W/-11 N		THAT		Prickly Pear C		) (' 1 x	G C T	XX 11 (F)	Txx 11 C
Well Name				API Number	Entity	Mineral Lease	<del>                                     </del>	Well Type	Well Status
PPU FED 11-23D-12-15	+	1208	150E	4300731440		Federal	Federal	GW	APD
PPU FED 4-26D-12-15		120S	150E	4300731441		Federal	Federal	GW	APD
PPU FED 14-23D-12-15	+	120S	150E	4300731442		Federal	Federal	GW	APD
PPU FED 12-23D-12-15	+	120S	150E	4300731443		Federal	Federal	GW	APD
PRICKLY PEAR U FED 12-7D-12-15	+ - +	120S	150E	4300750094		Federal	Federal	GW	APD
PRICKLY PEAR U FED 11-7D-12-15		120S	150E	4300750095		Federal	Federal	GW	APD
PRICKLY PEAR U FED 13-7D-12-15	<del>i</del>	120S	150E	4300750096		Federal	Federal	GW	APD
PRICKLY PEAR U FED 14-7D-12-15		120S	150E	4300750097		Federal	Federal	GW	APD
PRICKLY PEAR UF 11-8D-12-15		120S	150E	4300750124		Federal	Federal	GW	APD
PRICKLY PEAR UF 12-8D-12-15	·	120S	150E	4300750125		Federal	Federal	GW	APD
PRICKLY PEAR UF 13-8D-12-15	·	120S	150E	4300750126		Federal	Federal	GW	APD
PRICKLY PEAR UF 14-8D-12-15	-	120S	150E	4300750127		Federal	Federal	GW	APD
PRICKLY PEAR UF 9-21D-12-15		120S	150E	4300750128		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-21D-12-15		120S	150E	4300750129		Federal	Federal	GW	APD
PRICKLY PEAR UF 10-21D-12-15	21	120S	150E	4300750130		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-21D-12-15	21	120S	150E	4300750131		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132		Federal	Federal	GW	APD
PRICKLY PEAR UF 15X-21D-12-15	21	120S	150E	4300750133		Federal	Federal	GW	APD
PRICKLY PEAR UF 16-21D-12-15	21	120S	150E	4300750134		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-21D-12-15	21	120S	150E	4300750135		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148		Federal	Federal	GW	APD
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161		Federal	Federal	GW	APD
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162		Federal	Federal	GW	APD
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-22D-12-15	_		150E	4300750164		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-22D-12-15			150E	4300750165		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-22D-12-15	-		150E	4300750166		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-22D-12-15		120S	150E	4300750167		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-22D-12-15			150E	4300750168		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-22D-12-15			150E	4300750169		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-22D-12-15			150E	4300750170		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-15D-12-15			150E	4300750180		Federal	Federal	GW	APD
PRICKLY PEAR UF 11B-15D-12-15			150E	4300750181		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-15D-12-15			150E	4300750184		Federal	Federal	GW	APD
PRICKLY PEAR UF 3A-18D-12-15	·			4300750185			Federal	GW	APD
PRICKLY PEAR UF 4A-18D-12-15	<del></del>			4300750186		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-7D-12-15			150E			Federal	Federal	GW	APD
PRICKLY PEAR UF 2-18D-12-15	-		150E	4300750188		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-7D-12-15			150E	4300750189		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-7D-12-15			150E	4300750190		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-7D-12-15	-		150E	4300750190	and the same of th	Federal	Federal	GW	APD
PRICKLY PEAR FEDERAL 1-12D-12-14			140E	4300750205		Federal	Federal	GW	APD
PRICKLY PEAR UF 2-12D-12-14			140E	4300750205		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-12D-12-14			140E	4300750207			Federal	GW	APD
PRICKLY PEAR UF 7A-12D-12-14	-		140E	4300750207		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-12D-12-14								<u> </u>	
PRICKLY PEAR UF 8-12D-12-14 PRICKLY PEAR UF 4-7D-12-15			140E	4300750209		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-7D-12-15 PRICKLY PEAR UF 5-7D-12-15			140E	4300750210		· ···· · · · · · · · · · · · · · · · ·	Federal	GW	APD
			140E	4300750211			Federal	GW	APD
PRICKLY PEAR UF 8A-12D-12-14			140E	4300750212			Federal	GW	APD
PRICKLY PEAR UF 5A-7D-12-15			140E	4300750213			Federal	GW	APD
PRICKLY PEAR UF 7-14D-12-15			150E	4300750214			Federal	GW	APD
PRICKLY PEAR UF 7A-14D-12-15			150E	4300750215			Federal	GW	APD
PRICKLY PEAR UF 9-14D-12-15			150E	4300750217			Federal	GW	APD
PRICKLY PEAR UF 9A-14D-12-15			150E	4300750218			Federal	GW	APD
PRICKLY PEAR UF 10-14D-12-15			150E	4300750219			Federal	GW	APD
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E	4300750220		Federal	Federal	GW	APD

Well Name	Coo TWN		API Number		Min and Lagar	Comfort I	W-11 T	337-11 C4-4
PRICKLY PEAR UF 15A-14D-12-15	14 120S	150E	4300750222	Entity	Mineral Lease Federal		Well Type GW	Well Status
PRICKLY PEAR UF 16-14D-12-15	14 120S	150E	4300750222		Federal	Federal	GW	APD APD
PRICKLY PEAR UF 16A-14D-12-15	14 120S	150E	4300750224		Federal	Federal	GW	+
PRICKLY PEAR UF 1A-18D-12-15	7 120S	150E	4300750225		Federal	Federal	GW	APD
PRICKLY PEAR UF 2A-18D-12-15	7 120S	150E	4300750226		Federal	Federal		APD
PRICKLY PEAR UF 9A-7D-12-15	7 120S	150E	4300730220			Federal	GW	APD
PRICKLY PEAR UF 10A-7D-12-15	7 120S	150E			Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-7D-12-15	7 120S		4300750228		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-7D-12-15	<del>                                     </del>	150E	4300750229		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-12D-12-14	7 120S	150E	4300750230		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-12D-12-14	12 120S	140E	4300750233		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-12D-12-14	12 1208	140E	4300750234		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-12D-12-14  PRICKLY PEAR UF 12A-8D-12-15	12 120S	140E	4300750235		Federal	Federal	GW	APD
	8 120S	150E	4300750236		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-12D-12-14	12 120S	140E	4300750237		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-8D-12-15	8 120S	150E	4300750238		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-8D-12-15	8 120S	150E	4300750239		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-8D-12-15	8 120S	150E	4300750240		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-8D-12-15	8 120S	150E	4300750260		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-8D-12-15	8 120S	150E	4300750261		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-8D-12-15	8 120S	150E	4300750262		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-8D-12-15	8 120S	150E			Federal	Federal	GW	APD
PRICKLY PEAR UF 2-8D-12-15	8 120S	150E	4300750264		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-8D-12-15	·	150E	4300750265		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-8D-12-15		150E	4300750266		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-8D-12-15	<del>                                     </del>	150E	4300750267		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-8D-12-15		150E	4300750268		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-8D-12-15	<del>                                     </del>	150E	4300750269	-	Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-8D-12-15		150E	4300750270		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-8D-12-15		150E	4300750271		Federal	Federal	GW	APD
PRICKLY PEAR UF 1-8D-12-15	<del></del>	150E	4300750272		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-8D-12-15		150E	4300750273		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-9D-12-15		150E	4300750274		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-9D-12-15		150E	4300750275		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-9D-12-15		150E	4300750276		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-9D-12-15			4300750277		Federal	Federal		APD
PRICKLY PEAR UF 6A-9D-12-15			4300750278		Federal	Federal	GW	APD
PRICKLY PEAR UF 11-9D-12-15		150E	4300750279		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-9D-12-15		150E	4300750280		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-9D-12-15		150E	4300750281		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-9D-12-15	<del></del>	150E	4300750282		Federal	Federal	GW	APD
PRICKLY PEAR US 1X-16D-12-15		150E	4300750283		State	Federal	GW	APD
PRICKLY PEAR UF 5A-15D-12-15		150E	4300750284		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-15D-12-15		150E	4300750285		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-15D-13-15		150E	4300750286		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-10D-12-15		150E	4300750287		Federal		GW	APD
PRICKLY PEAR UF 13-10D-12-15		150E	4300750288		Federal		GW	APD
PRICKLY PEAR UF 15-10D-12-15		150E	4300750289		Federal		GW	APD
PRICKLY PEAR UF 16A-10D-12-15	<u> </u>	150E	4300750290		Federal		GW	APD
PRICKLY PEAR UF 9-10D-12-15		150E	4300750291		Federal		GW	APD
PRICKLY PEAR UF 14A-10D-12-15		150E	4300750292				GW	APD
PRICKLY PEAR UF 10-10D-12-15		150E	4300750293		Federal		GW	APD
PRICKLY PEAR UF 16-10D-12-15			4300750294				GW	APD
PRICKLY PEAR UF 13-11D-12-15			4300750295					APD
PRICKLY PEAR UF 13A-11D-12-15			4300750296					APD
PRICKLY PEAR UF 12-11D-12-15			4300750297			Federal	GW	APD
PRICKLY PEAR UF 13A-10D-12-15	10 120S	150E	4300750298		Federal	Federal	GW	APD

PRICKLY PEAR UF 1-10-10-12-15	Well Name	Soc TWN		ADI Number		Minoral Lagra	Cumfa a a I a a a a	W-11 T	W-11 C4-4
PRICKLY PEAR UF 14-10-12-15			+					Well Type	Well Status
PRICKLY PEAR UF 3-10-12-15   10   1208   150E   430075002   Federal   Federal   GW   APD			-						
PRICKLY PEAR UF 4-150-12-15   10   1208   150E   4300750302   Federal   Federal   GW   APD						<del></del>	<del></del>	<del> </del>	<del></del>
PRICKLY PEAR UF 4-15D-12-15   10   120S   150E   4300750302   Federal   Federal   GW   APD				<del></del>					
PRICKLY PEAR UF 4-10D-12-15   10  1208   150E   4300750304   Federal   Federal   GW   APD		<del></del>							<del> </del>
PRICKLY PEAR LIF 9A-17D-12-15   17   1208   150E   4300750307   Federal   Federal   GW   APD									
PRICKLY PEAR UF 9.A-170-12-15   17   120S   150E   4300750306   Federal   Federal   GW   APD							<del></del>		
PRICKLY PEAR UF 8.A-17D-12-15					!				<del> </del>
PRICKLY PEAR UF 16A-17D-12-15						+	<u> </u>	+	
PRICKLY PEAR UF 3-70-12-15					!	<del></del>		1	
PRICKLY PEAR UF 16.A-17D-12-15						-	<del></del>		
PRICKLY PEAR UF 6-7D-12-15 PRICKLY PEAR UF 8-7D-12-15 PRICKLY PEAR UF 10-17-10-15 PRICKLY PEAR UF 10-17-10-15 PRICKLY PEAR UF 11-17-10-15 PRICKLY PEAR UF 11-17-10-15 PRICKLY PEAR UF 11-17-10-15 PRICKLY PEAR UF 10-17-10-15 PRICKLY PEAR UF 10			-	<del></del>				-	
PRICKLY PEAR UF 15A-17D-12-15						·	+		
PRICKLY PEAR UF A-7D-12-15			+			<del></del>	ļ	-	
PRICKLY PEAR UF 7A-7D-12-15 PRICKLY PEAR UF \$A-7D-12-15 PRICKLY PEAR UF \$A-7D-12-15 PRICKLY PEAR UF \$A-7D-12-15 PRICKLY PEAR UF (SX-17D-12-15 PRICKLY PEAR UF 18A-17D-12-15 PRICKLY PEAR UF 19A-20D-12-15 PRICKLY PEAR U							<del></del>		
PRICKLY PEAR UF 8A-7D-12-15				<del></del>					<del></del>
PRICKLY PEAR UF 11A-17D-12-15									
PRICKLY PEAR UF 11A-17D-12-15			1						
PRICKLY PEAR UF 15B-17D-12-15								4	
PRICKLY PEAR UF 8A-20D-12-15   20   120S   150E   4300750319   Federal   Federal   GW   APD		-				1			
PRICKLY PEAR UF 1-7D-12-15     7 120S 150E 4300750320   Federal Federal GW APD PRICKLY PEAR UF 7A-20D-12-15     20 120S 150E 4300750321   Federal Federal GW APD PRICKLY PEAR UF 9A-20D-12-15     20 120S 150E 4300750323   Federal Federal GW APD PRICKLY PEAR UF 10A-20D-12-15     20 120S 150E 4300750323   Federal Federal GW APD PRICKLY PEAR UF 10-20D-12-15     20 120S 150E 4300750323   Federal Federal GW APD PRICKLY PEAR UF 10A-20D-12-15     20 120S 150E 4300750324   Federal Federal GW APD PRICKLY PEAR UF 21A-20D-12-15     20 120S 150E 4300750325   Federal Federal GW APD PRICKLY PEAR UF 14A-20D-12-15     20 120S 150E 4300750326   Federal Federal GW APD PRICKLY PEAR UF 16A-20D-12-15     20 120S 150E 4300750326   Federal Federal GW APD PRICKLY PEAR UF 16A-20D-12-15     20 120S 150E 4300750327   Federal Federal GW APD PRICKLY PEAR UF 16A-20D-12-15     20 120S 150E 4300750329   Federal Federal GW APD PRICKLY PEAR UF 15-20D-12-15     20 120S 150E 4300750329   Federal Federal GW APD PRICKLY PEAR UF 15-20D-12-15     20 120S 150E 4300750330   Federal Federal GW APD PRICKLY PEAR UF 15-20D-12-15     20 120S 150E 4300750331   Federal Federal GW APD PRICKLY PEAR UF 15-40D-12-15     30 120S 150E 4300750332   Federal Federal GW APD PRICKLY PEAR UF 16A-10D-12-15     30 120S 150E 4300750332   Federal Federal GW APD PRICKLY PEAR UF 16A-10D-12-15     30 120S 150E 4300750333   Federal Federal GW APD PRICKLY PEAR UF 16A-10D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 15-10D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 16A-10D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 5-10D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 5-10D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 1-10D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 5-10D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 5-10D-12-15     30 120S 150E 4300750335   Federal Federal									
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PRICKLY PEAR UF 16A-20D-12-15   20   120S   150E   4300750327   Federal   Federal   GW   APD							<del>                                      </del>		
PRICKLY PEAR UF 15A-20D-12-15         20         120S         150E         4300750328         Federal         Federal         GW         APD           PRICKLY PEAR UF 8-7D-12-15         7         120S         150E         4300750329         Federal         Federal         GW         APD           PRICKLY PEAR UF 15-20D-12-15         7         120S         150E         4300750330         Federal         Federal         GW         APD           PRICKLY PEAR UF 67-7D-12-15         7         120S         150E         4300750331         Federal         Federal         GW         APD           PRICKLY PEAR UF 6-10D-12-15         9         120S         150E         4300750332         Federal         Federal         GW         APD           PRICKLY PEAR UF 5A-10D-12-15         9         120S         150E         4300750333         Federal         Federal         GW         APD           PRICKLY PEAR UF 5A-10D-12-15         9         120S         150E         4300750335         Federal         Federal         GW         APD           PRICKLY PEAR UF 6A-10D-12-15         9         120S         150E         4300750335         Federal         Federal         GW         APD           PRICKLY PEAR UF 15-10D-12-15         9 </td <td></td> <td></td> <td>-</td> <td></td> <td></td> <td><del> </del></td> <td></td> <td>-</td> <td></td>			-			<del> </del>		-	
PRICKLY PEAR UF 8-7D-12-15 7 120S 150E 4300750329 Federal Federal GW APD PRICKLY PEAR UF 15-20D-12-15 7 120S 150E 4300750330 Federal Federal GW APD PRICKLY PEAR UF 7-7D-12-15 7 120S 150E 4300750331 Federal Federal GW APD PRICKLY PEAR UF 6-10D-12-15 9 120S 150E 4300750332 Federal Federal GW APD PRICKLY PEAR UF 6-10D-12-15 9 120S 150E 4300750332 Federal Federal GW APD PRICKLY PEAR UF 5A-10D-12-15 9 120S 150E 4300750333 Federal Federal GW APD PRICKLY PEAR UF 11A-10D-12-15 9 120S 150E 4300750333 Federal Federal GW APD PRICKLY PEAR UF 6A-10D-12-15 9 120S 150E 4300750334 Federal Federal GW APD PRICKLY PEAR UF 5-10D-12-15 9 120S 150E 4300750335 Federal Federal GW APD PRICKLY PEAR UF 5-10D-12-15 9 120S 150E 4300750336 Federal Federal GW APD PRICKLY PEAR UF 12A-10D-12-15 9 120S 150E 4300750336 Federal Federal GW APD PRICKLY PEAR UF 3-10D-12-15 9 120S 150E 4300750338 Federal Federal GW APD PRICKLY PEAR UF 4-10D-12-15 9 120S 150E 4300750339 Federal Federal GW APD PRICKLY PEAR UF 8-9D-12-15 9 120S 150E 4300750330 Federal Federal GW APD PRICKLY PEAR UF 8-9D-12-15 9 120S 150E 4300750334 Federal Federal GW APD PRICKLY PEAR UF 8-9D-12-15 9 120S 150E 4300750340 Federal Federal GW APD PRICKLY PEAR UF 8-9D-12-15 9 120S 150E 4300750341 Federal Federal GW APD PRICKLY PEAR UF 8-9D-12-15 9 120S 150E 4300750342 Federal Federal GW APD PRICKLY PEAR UF 7A-9D-12-15 9 120S 150E 4300750343 Federal Federal GW APD PRICKLY PEAR UF 1-9D-12-15 9 120S 150E 4300750344 Federal Federal GW APD PRICKLY PEAR UF 1-9D-12-15 9 120S 150E 4300750345 Federal Federal GW APD PRICKLY PEAR UF 1-9D-12-15 9 120S 150E 4300750345 Federal Federal GW APD PRICKLY PEAR UF 1-9D-12-15 9 120S 150E 4300750345 Federal Federal GW APD PRICKLY PEAR UF 1-9D-12-15 9 120S 150E 4300750345 Federal Federal GW APD PRICKLY PEAR UF 1-9D-12-15 9 120S 150E 4300750346 Federal Federal GW APD PRICKLY PEAR UF 1-2D-12-15 9 120S 150E 4300750345 Federal Federal GW APD PRICKLY PEAR UF 1-2D-12-15 9 120S 150E 4300750346 Federal Federal GW APD PRICKLY PEAR UF 1-2D-12-15 9 120S 150E 4300750346 Federa							·	<del></del>	
PRICKLY PEAR UF 15-20D-12-15   20   120S   150E   4300750330   Federal   Federal   GW   APD								1	
PRICKLY PEAR UF 7-7D-12-15         7 120S         150E         4300750331         Federal         Federal         GW         APD           PRICKLY PEAR UF 6-10D-12-15         9 120S         150E         4300750332         Federal         Federal         GW         APD           PRICKLY PEAR UF 5A-10D-12-15         9 120S         150E         4300750333         Federal         Federal         GW         APD           PRICKLY PEAR UF 11A-10D-12-15         9 120S         150E         4300750333         Federal         Federal         GW         APD           PRICKLY PEAR UF 6A-10D-12-15         9 120S         150E         4300750335         Federal         Federal         GW         APD           PRICKLY PEAR UF 5-10D-12-15         9 120S         150E         4300750336         Federal         Federal         GW         APD           PRICKLY PEAR UF 12A-10D-12-15         9 120S         150E         4300750338         Federal         Federal         GW         APD           PRICKLY PEAR UF 3-10D-12-15         9 120S         150E         4300750340         Federal         Federal         GW         APD           PRICKLY PEAR UF 8-9D-12-15         9 120S         150E         4300750341         Federal         Federal         GW <t< td=""><td></td><td></td><td></td><td></td><td></td><td>· · · · · · · · · · · · · · · · · · ·</td><td>ļ</td><td></td><td></td></t<>						· · · · · · · · · · · · · · · · · · ·	ļ		
PRICKLY PEAR UF 6-10D-12-15         9         120S         150E         4300750332         Federal         Federal         GW         APD           PRICKLY PEAR UF 5A-10D-12-15         9         120S         150E         4300750333         Federal         Federal         GW         APD           PRICKLY PEAR UF 11A-10D-12-15         9         120S         150E         4300750334         Federal         Federal         GW         APD           PRICKLY PEAR UF 6-10D-12-15         9         120S         150E         4300750335         Federal         Federal         GW         APD           PRICKLY PEAR UF 5-10D-12-15         9         120S         150E         4300750335         Federal         Federal         GW         APD           PRICKLY PEAR UF 12A-10D-12-15         9         120S         150E         4300750338         Federal         Federal         GW         APD           PRICKLY PEAR UF 3-10D-12-15         9         120S         150E         4300750339         Federal         Federal         GW         APD           PRICKLY PEAR UF 4-10D-12-15         9         120S         150E         4300750340         Federal         Federal         GW         APD           PRICKLY PEAR UF 8-9D-12-15         9						<del></del>			
PRICKLY PEAR UF 5A-10D-12-15         9 120S         150E         4300750333         Federal         Federal         GW         APD           PRICKLY PEAR UF 11A-10D-12-15         9 120S         150E         4300750334         Federal         Federal         GW         APD           PRICKLY PEAR UF 6A-10D-12-15         9 120S         150E         4300750335         Federal         Federal         GW         APD           PRICKLY PEAR UF 5-10D-12-15         9 120S         150E         4300750336         Federal         Federal         GW         APD           PRICKLY PEAR UF 5-10D-12-15         9 120S         150E         4300750338         Federal         Federal         GW         APD           PRICKLY PEAR UF 13-10D-12-15         9 120S         150E         4300750339         Federal         Federal         GW         APD           PRICKLY PEAR UF 4-10D-12-15         9 120S         150E         4300750340         Federal         Federal         GW         APD           PRICKLY PEAR UF 8-9D-12-15         9 120S         150E         4300750341         Federal         Federal         GW         APD           PRICKLY PEAR UF 7-9D-12-15         9 120S         150E         4300750343         Federal         Federal         GW <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>									
PRICKLY PEAR UF 11A-10D-12-15         9 120S         150E         4300750334         Federal         Federal         GW         APD           PRICKLY PEAR UF 6A-10D-12-15         9 120S         150E         4300750335         Federal         Federal         GW         APD           PRICKLY PEAR UF 5-10D-12-15         9 120S         150E         4300750336         Federal         Federal         GW         APD           PRICKLY PEAR UF 12A-10D-12-15         9 120S         150E         4300750338         Federal         Federal         GW         APD           PRICKLY PEAR UF 3-10D-12-15         9 120S         150E         4300750339         Federal         Federal         GW         APD           PRICKLY PEAR UF 4-10D-12-15         9 120S         150E         4300750340         Federal         Federal         GW         APD           PRICKLY PEAR UF 8-9D-12-15         9 120S         150E         4300750341         Federal         Federal         GW         APD           PRICKLY PEAR UF 78-D-12-15         9 120S         150E         4300750342         Federal         Federal         GW         APD           PRICKLY PEAR UF 7-9D-12-15         9 120S         150E         4300750344         Federal         Federal         GW									
PRICKLY PEAR UF 6A-10D-12-15         9 120S         150E         4300750335         Federal         Federal         GW         APD           PRICKLY PEAR UF 5-10D-12-15         9 120S         150E         4300750336         Federal         Federal         GW         APD           PRICKLY PEAR UF 12A-10D-12-15         9 120S         150E         4300750338         Federal         Federal         GW         APD           PRICKLY PEAR UF 3-10D-12-15         9 120S         150E         4300750339         Federal         Federal         GW         APD           PRICKLY PEAR UF 4-10D-12-15         9 120S         150E         4300750340         Federal         Federal         GW         APD           PRICKLY PEAR UF 8-9D-12-15         9 120S         150E         4300750341         Federal         Federal         GW         APD           PRICKLY PEAR UF 8-9D-12-15         9 120S         150E         4300750342         Federal         Federal         GW         APD           PRICKLY PEAR UF 7-9D-12-15         9 120S         150E         4300750344         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-9D-12-15         9 120S         150E         4300750345         Federal         Federal         GW         APD			1				Federal		APD
PRICKLY PEAR UF 5-10D-12-15         9 120S         150E         4300750336         Federal         Federal         GW         APD           PRICKLY PEAR UF 12A-10D-12-15         9 120S         150E         4300750338         Federal         Federal         GW         APD           PRICKLY PEAR UF 3-10D-12-15         9 120S         150E         4300750339         Federal         Federal         GW         APD           PRICKLY PEAR UF 4-10D-12-15         9 120S         150E         4300750340         Federal         Federal         GW         APD           PRICKLY PEAR UF 8-9D-12-15         9 120S         150E         4300750341         Federal         Federal         GW         APD           PRICKLY PEAR UF 8-9D-12-15         9 120S         150E         4300750342         Federal         Federal         GW         APD           PRICKLY PEAR UF 7-9D-12-15         9 120S         150E         4300750343         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-9D-12-15         9 120S         150E         4300750344         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-24D-12-15         9 120S         150E         4300750345         Federal         Federal         GW         APD<						<del> </del>			APD
PRICKLY PEAR UF 12A-10D-12-15         9 120S         150E         4300750338         Federal         Federal         GW         APD           PRICKLY PEAR UF 3-10D-12-15         9 120S         150E         4300750339         Federal         Federal         GW         APD           PRICKLY PEAR UF 4-10D-12-15         9 120S         150E         4300750340         Federal         Federal         GW         APD           PRICKLY PEAR UF 8-9D-12-15         9 120S         150E         4300750341         Federal         Federal         GW         APD           PRICKLY PEAR UF 8A-9D-12-15         9 120S         150E         4300750342         Federal         Federal         GW         APD           PRICKLY PEAR UF 7-9D-12-15         9 120S         150E         4300750342         Federal         Federal         GW         APD           PRICKLY PEAR UF 7-9D-12-15         9 120S         150E         4300750344         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-9D-12-15         9 120S         150E         4300750345         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-24D-12-1         24 120S         150E         4300750348         Federal         Federal         GW         APD<									
PRICKLY PEAR UF 3-10D-12-15         9 120S         150E         4300750339         Federal         Federal         GW         APD           PRICKLY PEAR UF 4-10D-12-15         9 120S         150E         4300750340         Federal         Federal         GW         APD           PRICKLY PEAR UF 8-9D-12-15         9 120S         150E         4300750341         Federal         Federal         GW         APD           PRICKLY PEAR UF 8-9D-12-15         9 120S         150E         4300750342         Federal         Federal         GW         APD           PRICKLY PEAR UF 7A-9D-12-15         9 120S         150E         4300750343         Federal         Federal         GW         APD           PRICKLY PEAR UF 7-9D-12-15         9 120S         150E         4300750344         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-9D-12-15         9 120S         150E         4300750345         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-9D-12-15         9 120S         150E         4300750345         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-24D-12-1         24 120S         150E         4300750348         Federal         Federal         GW         APD <td></td> <td></td> <td></td> <td></td> <td></td> <td><del>-</del></td> <td></td> <td></td> <td></td>						<del>-</del>			
PRICKLY PEAR UF 4-10D-12-15         9 120S         150E         4300750340         Federal         Federal         GW         APD           PRICKLY PEAR UF 8-9D-12-15         9 120S         150E         4300750341         Federal         Federal         GW         APD           PRICKLY PEAR UF 8A-9D-12-15         9 120S         150E         4300750342         Federal         Federal         GW         APD           PRICKLY PEAR UF 7A-9D-12-15         9 120S         150E         4300750343         Federal         Federal         GW         APD           PRICKLY PEAR UF 7-9D-12-15         9 120S         150E         4300750344         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-9D-12-15         9 120S         150E         4300750345         Federal         Federal         GW         APD           PRICKLY PEAR UF 2-9D-12-15         9 120S         150E         4300750346         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-24D-12-1         24         120S         150E         4300750348         Federal         Federal         GW         APD           PRICKLY PEAR UF 9-13D-12-15         13         120S         150E         4300750349         Federal         Federal			-						
PRICKLY PEAR UF 8-9D-12-15         9 120S 150E 4300750341         Federal Federal Federal GW APD           PRICKLY PEAR UF 8A-9D-12-15         9 120S 150E 4300750342         Federal Federal GW APD           PRICKLY PEAR UF 7A-9D-12-15         9 120S 150E 4300750343         Federal Federal GW APD           PRICKLY PEAR UF 7-9D-12-15         9 120S 150E 4300750344         Federal Federal GW APD           PRICKLY PEAR UF 1-9D-12-15         9 120S 150E 4300750345         Federal Federal GW APD           PRICKLY PEAR UF 2-9D-12-15         9 120S 150E 4300750346         Federal Federal GW APD           PRICKLY PEAR UF 1-24D-12-1         24 120S 150E 4300750348         Federal Federal GW APD           PRICKLY PEAR UF 9-13D-12-15         13 120S 150E 4300750349         Federal Federal GW APD           PRICKLY PEAR U FED 7-21D-12-15         21 120S 150E 4300750349         Federal Federal GW APD           PRICKLY PEAR US 1A-16D-12-15         9 120S 150E 4300750192         14794 Federal Federal GW OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S 150E 4300750193         14794 State Federal GW OPS           PRICKLY PEAR US 2-16D-12-15         9 120S 150E 4300750194         14794 State Federal GW OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S 150E 4300750194         14794 Federal Federal GW OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S 150E 4300750194         14794 Federal Federal GW OPS							<del></del>		
PRICKLY PEAR UF 8A-9D-12-15         9 120S         150E         4300750342         Federal         Federal         GW         APD           PRICKLY PEAR UF 7A-9D-12-15         9 120S         150E         4300750343         Federal         Federal         GW         APD           PRICKLY PEAR UF 7-9D-12-15         9 120S         150E         4300750344         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-9D-12-15         9 120S         150E         4300750345         Federal         Federal         GW         APD           PRICKLY PEAR UF 2-9D-12-15         9 120S         150E         4300750346         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-24D-12-1         24 120S         150E         4300750348         Federal         Federal         GW         APD           PRICKLY PEAR UF 9-13D-12-15         13 120S         150E         4300750349         Federal         Federal         GW         APD           PRICKLY PEAR UF 10-21D-12-15         21 120S         150E         4300750055         14794         Federal         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750192         14794         State         Fe					***				
PRICKLY PEAR UF 7A-9D-12-15         9 120S         150E         4300750343         Federal         Federal         GW         APD           PRICKLY PEAR UF 7-9D-12-15         9 120S         150E         4300750344         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-9D-12-15         9 120S         150E         4300750345         Federal         Federal         GW         APD           PRICKLY PEAR UF 2-9D-12-15         9 120S         150E         4300750346         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-24D-12-1         24 120S         150E         4300750348         Federal         Federal         GW         APD           PRICKLY PEAR UF 9-13D-12-15         13 120S         150E         4300750349         Federal         Federal         GW         APD           PRICKLY PEAR U FED 7-21D-12-15         21 120S         150E         4300750055         14794         Federal         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         St							·		
PRICKLY PEAR UF 7-9D-12-15         9 120S         150E         4300750344         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-9D-12-15         9 120S         150E         4300750345         Federal         Federal         GW         APD           PRICKLY PEAR UF 2-9D-12-15         9 120S         150E         4300750346         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-24D-12-1         24 120S         150E         4300750348         Federal         Federal         GW         APD           PRICKLY PEAR UF 9-13D-12-15         13 120S         150E         4300750349         Federal         Federal         GW         APD           PRICKLY PEAR U FED 7-21D-12-15         21 120S         150E         4300750055         14794         Federal         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 9A-9D-12-15         9 120S         150E         4300750196         147									
PRICKLY PEAR UF 1-9D-12-15         9 120S         150E         4300750345         Federal         Federal         GW         APD           PRICKLY PEAR UF 2-9D-12-15         9 120S         150E         4300750346         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-24D-12-1         24 120S         150E         4300750348         Federal         Federal         GW         APD           PRICKLY PEAR UF 9-13D-12-15         13 120S         150E         4300750349         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-24D-12-15         21 120S         150E         4300750055         14794         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794 <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>Federal</td> <td></td> <td>GW</td> <td>APD</td>			-			Federal		GW	APD
PRICKLY PEAR UF 2-9D-12-15         9 120S         150E         4300750346         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-24D-12-1         24 120S         150E         4300750348         Federal         Federal         GW         APD           PRICKLY PEAR UF 9-13D-12-15         13 120S         150E         4300750349         Federal         Federal         GW         APD           PRICKLY PEAR U FED 7-21D-12-15         21 120S         150E         4300750055         14794         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>Federal</td> <td></td> <td></td> <td>APD</td>						Federal			APD
PRICKLY PEAR UF 1-24D-12-1         24 120S         150E         4300750348         Federal         Federal         GW         APD           PRICKLY PEAR UF 9-13D-12-15         13 120S         150E         4300750349         Federal         Federal         GW         APD           PRICKLY PEAR U FED 7-21D-12-15         21 120S         150E         4300750055         14794         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
PRICKLY PEAR UF 9-13D-12-15         13         120S         150E         4300750349         Federal         Federal         GW         APD           PRICKLY PEAR U FED 7-21D-12-15         21         120S         150E         4300750055         14794         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9         120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9         120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9         120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9         120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9         120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9         120S         150E         4300750197         14794         Federal         GW         OPS									APD
PRICKLY PEAR U FED 7-21D-12-15         21 120S         150E         4300750055         14794         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794         Federal         GW         OPS									APD
PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794         Federal         GW         OPS	PRICKLY PEAR UF 9-13D-12-15								
PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794         Federal         GW         OPS	PRICKLY PEAR U FED 7-21D-12-15								
PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794         Federal         Federal         GW         OPS	PRICKLY PEAR US 1A-16D-12-15								
PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794 Federal         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794 Federal         Federal         GW         OPS	PRICKLY PEAR US 2A-16D-12-15						Federal	GW	OPS
PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750197 14794 Federal Federal GW OPS	PRICKLY PEAR US 2-16D-12-15						Federal	GW	OPS
	PRICKLY PEAR UF 9A-9D-12-15		150E	4300750196	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 10A-9D-12-15 9   120S   150E   4300750198   14794   Federal   Federal   GW   OPS	PRICKLY PEAR UF 10-9D-12-15	9 120S	150E	4300750197	14794	Federal	Federal	GW	OPS
	PRICKLY PEAR UF 10A-9D-12-15	9 120S	150E	4300750198	14794	Federal	Federal	GW	OPS

Well Name	G TUDI		ear Unit	3.61 1.7	G C T	*** 11 m	TTT 11 0
Well Name				Mineral Lease		Well Type	Well Status
PRICKLY PEAR UF 14-9D-12-15	9 1208	·	0199 14794		Federal	GW	OPS
PRICKLY PEAR UF 14A-9D-12-15	9 1208	<del></del>	0200 14794		Federal	GW	OPS
PRICKLY PEAR UF 15-9D-12-15	9 1208		0201 14794		Federal	GW	OPS
PRICKLY PEAR UF 15A-9D-12-15	9 1208		0203 14794	l	Federal	GW	OPS
PRICKLY PEAR UF 16A-9D-12-15	9 1208		0204 14794		Federal	GW	OPS
STONE CABIN FED 2-B-27	27 120S		0018 14794		Federal	GW	P
PRICKLY PEAR ST 16-15	16 120S		0522 14794		State	GW	P
PRICKLY PEAR UNIT 21-2	21 120S		0828 14794	<u></u>	Federal	GW	P
PRICKLY PEAR U ST 13-16	16 120S		0933 14794		State	GW	P
PRICKLY PEAR U ST 11-16	16 120S		0944 14794	State	State	GW	P
PRICKLY PEAR U ST 7-16	16 120S	150E 430073	0945 14794	State	State	GW	P
PRICKLY PEAR U FED 7-25	25 120S	150E 430073	0954 14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 36-06	36 120S	150E 430073	1018   14794	State	State	GW	P
PRICKLY PEAR U FED 13-23-12-15	23 120S	150E 430073	1073 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-27D-12-15	23 120S	150E 430073	1074 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-26D-12-15	23 120S	150E 430073	1075 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-22D-12-15	23 120S	150E 430073	1076 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-28D-12-15	21 120S	150E 430073	1121 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-21-12-15	21 120S	150E 430073	1164 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 13-21D-12-15	21 120S		1166 14794		Federal	GW	P
PRICKLY PEAR U FED 11-17D-12-15	17 120S	<del></del>	1184 14794	<del> </del>	Federal	GW	P
PRICKLY PEAR U FED 7-22D-12-15	22 120S		1186 14794		Federal	GW	P
PRICKLY PEAR U FED 3-22-12-15	22 120S		1187 14794		Federal	GW	P
PRICKLY PEAR U FED 5-22D-12-15	22 120S		1188 14794		Federal	GW	P
PRICKLY PEAR 11-15D-12-15	22 120S		1189 14794	· · · · · · · · · · · · · · · · · · ·	Federal	GW	P
PRICKLY PEAR U FED 9-18D-12-15	18 120S		1192 14794	- <del></del>	Federal	GW	P
PRICKLY PEAR U FED 15-18-12-15	18 120S		1193 14794		Federal	GW	P
PRICKLY PEAR U FED 16-27D-12-15	27 120S		1194 15569	<del></del>	Federal	GW	P
PRICKLY PEAR U FED 12-27D-12-15	27 120S		1195 15568		Federal	GW	P
PRICKLY PEAR U FED 9-20D-12-15	20 120S		1193 13308		Federal	GW	P
PRICKLY PEAR U FED 7-20-12-15	20 120S		1197 14794		Federal	GW	P
PRICKLY PEAR U FED 1-20-12-15	20 120S		1206 14794		Federal		P
PRICKLY PEAR U ST 4-36-12-15	36 120S		1200 14794 1227 14794			GW	
PRICKLY PEAR U FED 4-27D-12-15	22 120S	150E 430073			State	GW	P
PRICKLY PEAR U FED 13-22-12-15					Federal	GW	P
		150E 430073			Federal	GW	P
PRICKLY PEAR U FED 3-27D-12-15		150E 430073			Federal	GW	P
PRICKLY PEAR U ST 9-16-12-15		150E 430073			State	GW	P
PRICKLY PEAR U FED 9-28D-12-15	28 120S	150E 430073			Federal	GW	P
PRICKLY PEAR U FED 5-27D-12-15			1242 14794	<del> </del>	Federal	GW	P
PRICKLY PEAR U FED 1-28-12-15	28 120S		1243 14794		Federal	GW	P
PRICKLY PEAR U FED 8-28D-12-15	28 120S		1244 14794	<del></del> .	Federal	GW	P
PRICKLY PEAR U ST 1-16-12-15	16 120S		1245 14794	<del></del>	State	GW	P
PPU FED 11-18D-12-15			1257 14794	·	Federal	GW	P
PPU FED 11-20D-12-15			1258 14794	<del></del>	Federal	GW	P
PPU FED 4-25D-12-15	<del></del>		1259 14794	Federal	Federal	GW	P
PPU FED 12-25D-12-15			1260 16068	<del>i</del>	Federal	GW	P
PPU FED 14-26D-12-15	35 120S		1282 16224	Federal	Federal	GW	P
PPU FED 2-35-12-15	35 120S		1283 14794	Federal	Federal	GW	P
PPU FED 10-26D-12-15	35 120S	150E 430073	284 14794	Federal	Federal	GW	P
PPU FED 9-17-12-15	17 120S	150E 430073	287 14794	Federal	Federal	GW	P
PPU FED 1-17D-12-15	17 120S	150E 430073	288 14794	Federal	Federal	GW	P
PPU FED 7-17D-12-15		150E 430073			Federal	GW	P
PPU FED 1-18D-12-15		150E 430073				GW	P
PPU FED 7-18D-12-15		150E 430073				GW	P
PPU FED 5-17D-12-15		150E 430073				GW	P
PPU FED 10-17D-12-15		150E 430073				GW	P
		, 120070	, ~				-

		Prickly Pear U					
Well Name	Sec TWN	RNG API Number	Entity Miner	al Lease	Surface Lease	Well Type	Well Status
PPU FED 8-17D-12-15	17 120S	150E 4300731308			Federal	GW	P
PPU FED 12-17D-12-15	17 120S	150E 4300731309	14794 Feder	al	Federal	GW	P
PPU FED 13-17D-12-15	17 120S	150E 4300731310	14794 Feder	al	Federal	GW	P
PPU FED 14-17D-12-15	17 120S	150E 4300731311	14794 Feder	al	Federal	GW	P
PPU FED 16-18D-12-15	17 120S	150E 4300731312	14794 Feder	al	Federal	GW	P
PPU FED 8-18D-12-15	18 120S	150E 4300731313	14794 Feder	al	Federal	GW	P
PPU FED 3-18D-12-15	18 120S	150E 4300731314			Federal	GW	P
PPU FED 4-18-12-15	18 120S	150E 4300731315			Federal	GW	P
PPU FED 5-18D-12-15	+	150E 4300731316			Federal	GW	P
PPU FED 6-18D-12-15		150E 4300731317			Federal	GW	P
PPU FED 16-17D-12-15	+ +	150E 4300731321			Federal	GW	P
PPU ST 15-16D-12-15	16 120S	150E 4300731322			State	GW	P
PPU ST 16-16D-12-15		150E 4300731323			State	GW	P
PPU ST 14-16D-12-15		150E 4300731324			State	GW	P
PPU FED 3-21D-12-15		150E 4300731328			Federal	GW	P
PPU FED 4-21D-12-15	21 120S	150E 4300731329		_	Federal	GW	P
PPU FED 13-15D-12-15	<del> </del>	150E 4300731329 150E 4300731358			Federal	GW	P
PPU FED 14-15D-12-15	22 120S 22 120S	150E 4300731359			Federal	GW	P
PPU FED 4-22D-12-15	22 120S 22 120S	150E 4300731359			Federal	GW	P
PPU FED 6-22D-12-15	22 120S	150E 4300731361				GW	P
PPU FED 2-28D-12-15	<del></del>				Federal		P
PPU FED 16X-21D-12-15					Federal	GW	
The state of the s	<del></del>	150E 4300731363			Federal	GW	P
PPU FED 5A-27D-12-15		150E 4300731364			Federal	GW	P
PPU FED 1AA 18D 12-15	28 120S	150E 4300731368			Federal	GW	P
PPU FED 14A-18D-12-15	<u> </u>	150E 4300731393			Federal	GW	P
PPU FED 10-18D-12-15	<del></del>	150E 4300731394			Federal	GW	P
PPU FED 15A-18D-12-15		150E 4300731395			Federal	GW	P
PPU FED 16A-18D-12-15		150E 4300731396			Federal	GW	P
PPU FED 12-22D-12-15	·	150E 4300731398			Federal	GW	P
PPU FED 11-22D-12-15		150E 4300731399			Federal	GW	P
PPU FED 14-22D-12-15	·	150E 4300731400			Federal	GW	P
PPU FED 4A-27D-12-15		150E 4300731401			Federal	GW	P
PPU FED 11-21D-12-15		150E 4300731412			Federal	GW	P
PPU FED 6-21D-12-15		150E 4300731413			Federal	GW	P
PPU FED 12-21D-12-15	·	150E 4300731414			Federal	GW	P
PPU FED 8-20D-12-15		150E 4300731419			Federal	GW	P
PPU FED 1A-20D-12-15		150E 4300731420			Federal	GW	P
PPU FED 2-20D-12-15		150E 4300731421		<b>il</b> ]	Federal	GW	P
PPU ST 7A-16D-12-15	<del></del>	150E 4300731422		!	State	GW	P
PPU ST 6-16D-12-15		150E 4300731423			State	GW	P
PPU ST 10A-16D-12-15		150E 4300731424			State	GW	P
PPU ST 3-16D-12-15	16 120S	150E 4300731425	14794 State		State	GW	P
PPU FED 5-21D-12-15	21 120S	150E 4300731451	14794 Federa	ıl [1	Federal	GW	P
PPU ST 8-16D-12-15	16 120S	150E 4300731455	14794 State		State	GW	P
PPU ST 12-16D-12-15	16 120S	150E 4300731456	14794 State			GW	P
PPU ST 12A-16D-12-15		150E 4300731457				GW	P
PPU ST 15A-16D-12-15		150E 4300731458				GW	P
PPU ST 10-16D-12-15		150E 4300731459				GW	P
PPU ST 11A-16D-12-15		150E 4300731460				GW	P
PPU ST 13A-16D-12-15	- i	150E 4300731461				GW	P
PPU FED 10-7D-12-15		150E 4300731470				GW	P
PPU FED 15-7D-12-15	<del> </del>	150E 4300731471				GW	P
PPU FED 9-7D-12-15		150E 4300731471 1				GW	P
PPU FED 16-7D-12-15		150E 4300731472				GW	<u>г</u> Р
PPU ST 6A-16D-12-15	<del></del>	150E 4300731477				GW	P P
PPU ST 4-16D-12-15	·	150E 4300731477					
110014-100-12-13	10 1205	130E 4300/314/8	14/94 State		State	GW	P

			y Pear Unit				
Well Name	Sec TWN	RNG API N	lumber Entit	y Mineral Lease	Surface Lease	Well Type	Well Status
PPU ST 4A-16D-12-15	16 120S	·	731479 1479		State	GW	P
PPU ST 5A-16D-12-15	16 120S		731480 1479		State	GW	P
PPU ST 3A-16D-12-15	16 120S		731481 1479		State	GW	P
PPU ST 16A-16D-12-15	16 120S		731484 1479		State	GW	P
PPU ST 9A-16D-12-15	16 120S		731485 1479		State	GW	P
PPU ST 16B-16D-12-15	16 120S		731514 1479		State	GW	P
PPU ST 14B-16D-12-15	16 120S	150E 4300	731515 1479	94 State	State	GW	P
PPU ST 13B-16D-12-15	16 120S	150E 4300	731516 1479	94 State	State	GW	P
PRICKLY PEAR U FED 9-22D-12-15	22 120S		750041 1479		Federal	GW	P
PRICKLY PEAR U FED 10-22D-12-15	22 120S	150E 4300	750042 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 16-22D-12-15	22 120S	150E 4300	750043 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 2-27D-12-15	22 120S	150E 4300	750044   1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 16-15D-12-15	15 120S	150E 4300	750045 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 15-15D-12-15	15 120S	150E 4300	750046 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 10-15D-12-15	15 120S	150E 4300	750047 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 9-15D-12-15	15 120S	150E 4300	750048 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 11A-15D-12-15	15 120S	150E 4300	750049 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 1-21D-12-15	21 120S	150E 4300°	750050 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 2-21D-12-15	21 120S	150E 4300°	750051 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 2A-21D-12-15	21 120S	150E 4300°	750052 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 4A-22D-12-15	21 120S	150E 4300°	750053 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 5A-22D-12-15	21 120S	150E 4300°	750054 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 7A-21D-12-15	21 120S	150E 4300°	750056 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 8-21D-12-15	21 120S	150E 4300°	750057 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 8A-21D-12-15	21 120S		750058 1479		Federal	GW	P
PRICKLY PEAR U FED 16-8D-12-15	8 120S		750059 1479		Federal	GW	P
PRICKLY PEAR U FED 15-8D-12-15			750060 1479		Federal	GW	P
PRICKLY PEAR U FED 2-17D-12-15			750061 1479		Federal	GW	P
PRICKLY PEAR U FED 1A-17D-12-15			750062 1479		Federal	GW	P
PRICKLY PEAR U FED 1-22D-12-15			750076 1479		Federal	GW	P
PRICKLY PEAR U FED 2-22D-12-15		<del></del>	750077 1479		Federal	GW	P
PRICKLY PEAR U FED 8-22D-12-15			750078 1479		Federal	GW	P
PRICKLY PEAR U FED 3-17D-12-15			750079 1479	· · · · · · · · · · · · · · · · · · ·	Federal	GW	P
PRICKLY PEAR U FED 3A-17D-12-15			750080 1479		Federal	GW	P
			750081 1479			GW	P
PRICKLY PEAR U FED 4A-17D-12-15			750082 1479		Federal	GW	P
PRICKLY PEAR U FED 5A-17D-12-15			750083 1479			GW	P
PRICKLY PEAR U FED 6-17D-12-15			750084 1479			GW	P
PRICKLY PEAR U FED 6A-17D-12-15			750085 1479		Federal	GW	P
PRICKLY PEAR U FED 7A-17D-12-15			750086 1479		Federal	GW	P
PRICKLY PEAR U FED 9-12D-12-14			750088 1479		Federal	GW	P
PRICKLY PEAR U FED 10-12D-12-14			750089 1479				P
PRICKLY PEAR U FED 15-12D-12-14			750090 1479	<del></del>			P
PRICKLY PEAR U FED 16-12D-12-14		<del></del>	750091 1479				P
PRICKLY PEAR U FED 3-20D-12-15			750098 1479			GW	P
PRICKLY PEAR U FED 3A-20D-12-15			750098 1479 750099 1479	<del></del>			P .
PRICKLY PEAR U FED 4-20D-12-15			750100 1479				P P
PRICKLY PEAR U FED 4A-20D-12-15			750100 1479 750101 1479				<u>P</u>
PRICKLY PEAR U FED 5-20D-12-15			750101 1479 750102 1479				P I
PRICKLY PEAR U FED 5A-20D-12-15		<del></del>	750102 1479 750103 1479				P
PRICKLY PEAR U FED 6-20D-12-15			50103 1479 50104 1479				<u>Р</u> Р
PRICKLY PEAR U FED 6A-20D-12-15			50104 1479 50105 1479				
PRICKLY PEAR U FED 11A-20D-12-15			50105 1479 50106 1479	_ t			P
PRICKLY PEAR U FED 12A-20D-12-15			50106 1479				P
PRICKLY PEAR U FED 13A-17D-12-15							P
PRICKLY PEAR UF 7A-18D-12-15			50108 1479				P
I MICKL I FEAR OF /A-18D-12-13	17 120S	130E 43007	50136 1479	+ rederal	Federal_	GW	P

Well Name PRICKLY PEAR UF 8A-18D-12-15	Sec TWN	DNG			1			
DDICKLY DEAD HE GA 10D 12 15	500 1 1111	KNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
	17 120S	150E	4300750137	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9A-18D-12-15	17 120S	150E	4300750138	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 12-20D-12-15	20 120S	150E	4300750139	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 16A-8D-12-15	8 120S	150E	4300750140	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 15A-8D-12-15	8 120S	150E	4300750141	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 13A-9D-12-15	8 120S	150E	4300750142	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 13-9D-12-15	8 120S	150E	4300750143	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 12-9D-12-15	8 120S	150E	4300750144	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 10-8D-12-15	8 120S	150E	4300750145	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9-8D-12-15	8 120S	150E	4300750146	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 2A-17D-12-15	8 120S	150E	4300750147	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 1A-22D-12-15	22 120S	150E	4300750171	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 2A-22D-12-15	22 120S	150E	4300750172	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 6A-22D-12-15	22 120S	150E	4300750173	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 7A-22D-12-15	22 120S	150E	4300750174	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 8A-22D-12-15	22 120S	150E	4300750175	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 14B-15D-12-15	22 120S	150E	4300750176	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9-9D-12-15	9 120S	150E	4300750195	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 16-9D-12-15	9 120S	150E	4300750202	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 8-14D-12-15	14 120S	150E	4300750216	18289	Federal	Federal	GW	P
PRICKLY PEAR UF 15-14D-12-15	14 120S	150E	4300750221	18290	Federal	Federal	GW	P
PRICKLY PEAR U ST 5-16	16 120S	150E	4300730943	14794	State	State	GW	S
PRICKLY PEAR U FED 7-28D-12-15	21 120S	150E	4300731165	14794	Federal	Federal	GW	S
PRICKLY PEAR U FED 15-17-12-15	17 120S	150E	4300731183	14794	Federal	Federal	GW	S
PRICKLY PEAR U FED 10-27-12-15	27 120S	150E	4300731196	15570	Federal	Federal	GW	S
PPU FED 4-35D-12-15	35 120S	150E	4300731285	16223	Federal	Federal	GW	S
PRICKLY PEAR U FED 12A-17D-12-15	17 120S	150E	4300750087	14794	Federal	Federal	GW	S

**STATE OF UTAH**DEPARTMENT OF NATURAL RESOURCES

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DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list)
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  N/A
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER:
2. NAME OF OPERATOR:	(see attached well list)  9. API NUMBER:
ENERVEST OPERATING, LLC	
3. ADDRESS OF OPERATOR: 1001 FANNIN, ST. STE 800 CITY HOUSTON STATE TX ZIP 77002 PHONE NUMBER: (713) 659-3500	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL	
FOOTAGES AT SURFACE: (see attached well list)	COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	[]
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	SIDETRACK TO REPAIR WELL  TEMPORARILY ABANDON
1/1/2014 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:  COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER:
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume ENERVEST OPERATING, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT ATTACHED LIST HAVE BEEN SOLD TO ENERVEST OPERATING, LLC BY BILL BILL BASEFFECTIVE 1/1/2014. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADENEVEST Operating, L.L.C.  1001 Fannin, Suite 800 Houston, Texas 77002 713-659-3500 (BLM BOND # PLB 1884), STATE/FEE BOND # B 15832/	THE WELLS LISTED ON THE
(SEM BOND II, OINTEN EE BOND II	
BILL BARRETT CORPORATION ENERVEST OPERAT	ING, LLC
Duane ZavadiAME (PLEASE PRINT) ROWNE LYOU	NAME (PLEASE PRINT)
Non 2012 SIGNATURE Tonne L. La	SIGNATURE
Senior Vice President - DIRECTOR - REGUL	ATORY
DONNIE VOLING DIDECTOR DE	CHIATORY
NAME (PLEASE PRINT) RONNIE TOUNG TITLE DIRECTOR - RE	COLATORI
SIGNATURE DATE 12/10/2013	
(This space for State use on APPROVED	RECEIVED
JAN 2 8 2013 4-RE	JAN <b>07</b> 2014
	U. 11. U ■ LUII

DU OIL GAS & MINING OF O

Well Name	Sec	TWN	RNG	API Number	Entity Lease	Well T	ype   Well Status	Unit
JACK CANYON UNIT 8-32	32	120S	<del>'</del>	4300730460	15167 State	WI	A	
JACK CYN U ST 14-32	32	120S	160E	4300730913	15166 State	WD	A	
PRICKLY PEAR U FED 12-24	24	120S	140E	4300730953	14467 Federal	WD	A	
PPU FED 11-23D-12-15	23	120S	150E	4300731440	Federal	GW	APD	PRICKLY PEAR
PPU FED 4-26D-12-15	23	120S	150E	4300731441	Federal	GW	APD	PRICKLY PEAR
PPU FED 14-23D-12-15	23	120S		4300731442	Federal	GW	APD	PRICKLY PEAR
PPU FED 12-23D-12-15	23	120S	150E	4300731443	Federal	GW	APD	PRICKLY PEAR
PPU FED 11-34D-12-16	34	120S	160E	4300731465	Federal	GW	APD	PETERS POINT
PPU FED 10-34D-12-16	34	120S	160E	4300731469	Federal	GW	APD	PETERS POINT
HORSE BENCH FED 4-27D-12-16	27	120S	160E	4300750092	Federal	GW	APD	
HORSE BENCH FED 5-27D-12-16	27	120S		4300750093	Federal	GW	APD	
PRICKLY PEAR U FED 12-7D-12-15	07	120S	150E	4300750094	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 11-7D-12-15	07	120S		4300750095	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 13-7D-12-15	07	120S		4300750096	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 14-7D-12-15	07	120S	150E	4300750097	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-8D-12-15	08	120S	150E	4300750124	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-8D-12-15	08	120S	150E	4300750125	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-8D-12-15	08	120S		4300750126	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-8D-12-15	08	120S		4300750127	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-21D-12-15	21	120S		4300750128	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-21D-12-15	21	120S		4300750129	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-21D-12-15	21	120S		4300750130	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-21D-12-15	21	120S		4300750131	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15X-21D-12-15	21	120S		4300750133	Federal .	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-21D-12-15	21	120S		4300750134	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-21D-12-15	21	120S		4300750135	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E	4300750164	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E	4300750165	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E	4300750166	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E	4300750167	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E	4300750168	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E	4300750169	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E	4300750170	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 15X-36D-12-16	36	120S	160E	4300750178	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E	4300750180	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E	4300750181	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 10-1D-13-16	36	120S	160E	4300750182	Federal	GW	APD	PETERS POINT
PETERS POINT UF 9-1D-13-16	36	120S	160E	4300750183	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E	4300750184	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-18D-12-15	07	120S	150E	4300750185	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-18D-12-15	07	120S	150E	4300750186	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-7D-12-15	07	120S	150E	4300750187	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-18D-12-15	07	120S	150E	4300750188	Federal	GW	APD	PRICKLY PEAR

PRICKLY PEAR UF 12A-7D-12-15	07	120S	150E 4300750189	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-7D-12-15	07	120S	150E 4300750190	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-7D-12-15	07	120S	150E 4300750191	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR FEDERAL 1-12D-12-14	12	120S	140E 4300750205	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-12D-12-14	12	120S	140E 4300750206	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-12D-12-14	12	120S	140E 4300750207	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-12D-12-14	12	120S	140E 4300750208	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-12D-12-14	12	120S	140E 4300750209	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-7D-12-15	12	120S	140E 4300750210	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-7D-12-15	12	120S	140E 4300750211	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-12D-12-14	12	120S	140E 4300750212	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-7D-12-15	12	120S	140E 4300750213	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-14D-12-15	14	120S	150E 4300750214	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-14D-12-15	14	120S	150E 4300750215	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-14D-12-15	14	120S	150E 4300750217	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-14D-12-15	14	120S	150E 4300750218	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-14D-12-15	14	120S	150E 4300750219	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E 4300750220	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-14D-12-15	14	120S	150E 4300750222	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-14D-12-15	14	120S	150E 4300750223	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-14D-12-15	14	120S	150E 4300750224	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-18D-12-15	07	120S	150E 4300750225	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-18D-12-15	07	120S	150E 4300750226	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-7D-12-15	07	120S	150E 4300750227	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-7D-12-15	07	120S	150E 4300750228	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-7D-12-15	07	120S	150E 4300750229	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-7D-12-15	07	120S	150E 4300750230	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-12D-12-14	12	120S	140E 4300750233	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-12D-12-14	12	120S	140E 4300750234	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-12D-12-14	12	120S	140E 4300750235	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-8D-12-15	08	120S	150E 4300750236	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-12D-12-14	12	120S	140E 4300750237	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-8D-12-15	08	120S	150E 4300750238	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-8D-12-15	08	120S	150E 4300750239	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-8D-12-15	08	120S	150E 4300750240	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-8D-12-15	08	120S	150E 4300750260	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-8D-12-15	08	120S	150E 4300750261	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-8D-12-15	08	120S	150E 4300750262	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-8D-12-15	08	120S	150E 4300750263	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-8D-12-15	08	120S	150E 4300750264	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-8D-12-15	08	120S	150E 4300750265	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-8D-12-15	08	120S	150E 4300750266	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-8D-12-15	08	120S	150E 4300750267	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-8D-12-15	08	120S	150E 4300750268	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-8D-12-15	08	120S	150E 4300750269	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-8D-12-15	08	120S	150E 4300750270	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-8D-12-15	08	120S	150E 4300750271	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-8D-12-15	08	120S	150E 4300750272	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-8D-12-15	08	120S	150E 4300750273	Federal	GW	APD	PRICKLY PEAR

PRICKLY PEAR UF 5-9D-12-15	09	120S	150E 4300750274	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-9D-12-15	09	120S	150E 4300750275	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-9D-12-15	09	120S	150E 4300750276	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-9D-12-15	09	120S	150E 4300750277	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-9D-12-15	09	120S	150E 4300750278	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-9D-12-15	09	120S	150E 4300750279	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-9D-12-15	09	120S	150E 4300750280	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-9D-12-15	09	120S	150E 4300750281	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-9D-12-15	09	120S	150E 4300750282	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR US 1X-16D-12-15	10	120S	150E 4300750283	State	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-15D-12-15	10	120S	150E 4300750284	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-15D-12-15	10	120S	150E 4300750285	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-15D-13-15	10	120S	150E 4300750286	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-10D-12-15	15	120S	150E 4300750287	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-10D-12-15	10	120S	150E 4300750288	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-10D-12-15	15	120S	150E 4300750289	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-10D-12-15	15	120S	150E 4300750290	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-10D-12-15	15	120S	150E 4300750291	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-10D-12-15	10	120S	150E 4300750292	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-10D-12-15	15	120S	150E 4300750293	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-10D-12-15	15	120S	150E 4300750294	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-11D-12-15	15	120S	150E 4300750295	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-11D-12-15	15	120S	150E 4300750296	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-11D-12-15	15	120S	150E 4300750297	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-10D-12-15	10	120S	150E 4300750298	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-10D-12-15	10	120S	150E 4300750299	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-10D-12-15	10	120S	150E 4300750300	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-15D-12-15	10	120S	150E 4300750301	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-14D-12-15	14	120S	150E 4300750302	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-15D-12-15	10	120S	150E 4300750303	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-15D-12-15	10	120S	150E 4300750304	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-10D-12-15	10	120S	150E 4300750305	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-17D-12-15	17	120S	150E 4300750306	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-17D-12-15	17	120S	150E 4300750307	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-17D-12-15	17	120S	150E 4300750308	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-7D-12-15	07	120S	150E 4300750309	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-17D-12-15	17	120S	150E 4300750310	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-7D-12-15	07	120S	150E 4300750311	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-17D-12-15	17	120S	150E 4300750312	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-7D-12-15	07	120S	150E 4300750313	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-7D-12-15	07	120S	150E 4300750314	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-7D-12-15	07	120S	150E 4300750315	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6X-17D-12-15	17	120S	150E 4300750316	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-17D-12-15	17	120S	150E 4300750317	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15B-17D-12-15	17	120S	150E 4300750318	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-20D-12-15	20	120S	150E 4300750319	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-7D-12-15	07	120S	150E 4300750320	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-20D-12-15	20	120S	150E 4300750321	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-20D-12-15	20	120S		Federal	GW	APD	PRICKLY PEAR
THE PERSON NAMED IN THE PERSON NAMED IN	_3						

PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E 4300750323	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E 4300750324	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-7D-12-15	07	120S	150E 4300750325	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E 4300750326	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E 4300750327	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E 4300750328	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-7D-12-15	07	120S	150E 4300750329	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E 4300750330	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-7D-12-15	07	120S	150E 4300750331	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-10D-12-15	09	120S	150E 4300750332	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-10D-12-15	09	120S	150E 4300750333	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-10D-12-15	09	120S	150E 4300750334	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-10D-12-15	09	120S	150E 4300750335	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-10D-12-15	09	120S	150E 4300750336	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-10D-12-15	09	120S	150E 4300750338	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-10D-12-15	09	120S	150E 4300750339	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-10D-12-15	09	120S	150E 4300750340	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-9D-12-15	09	120S	150E 4300750341	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-9D-12-15	09	120S	150E 4300750342	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-9D-12-15	09	120S	150E 4300750343	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-9D-12-15	09	120S	150E 4300750344	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-9D-12-15	09	120S	150E 4300750345	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-9D-12-15	09	120S	150E 4300750346	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E 4300750348	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E 4300750349	Federal	GW	APD	PRICKLY PEAR
HORSE BENCH FED 4-20D-12-17	19	120S	170E 4300750350	Federal	GW	APD	
Horse Bench Federal 16-18D-12-17	19	120S	170E 4300750351	Federal	GW	APD	
PPU FED 9-34D-12-16	34	120S	160E 4300731430	17225 Federal	GW	OPS	PETERS POINT
PPU FED 15-35D-12-16	35	120S	160E 4300731475	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 12A-6D-13-17	31	120S	170E 4300750034	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 11A-31D-12-17	31	120S	170E 4300750036	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E 4300750055	14794 Federal	GW	OPS	PRICKLY PEAR
PETERS POINT U FED 9-6D-13-17	06	130S	170E 4300750120	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 14-6D-13-17	06	130S	170E 4300750121	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 15-6D-13-17	06	130S	170E 4300750122	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 2-7D-13-17	06	130S	170E 4300750149	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 1-7D-13-17	06	130S	170E 4300750150	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR US 1A-16D-12-15	09	120S	150E 4300750192	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2A-16D-12-15	09	120S	150E 4300750193	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2-16D-12-15	09	120S	150E 4300750194	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 9A-9D-12-15	09	120S	150E 4300750196	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10-9D-12-15	09	120S	150E 4300750197	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10A-9D-12-15	09	120S	150E 4300750198	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14-9D-12-15	09	120S	150E 4300750199	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14A-9D-12-15	09	120S	150E 4300750200	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR OF 14A-9D-12-15 PRICKLY PEAR UF 15-9D-12-15	09	120S	150E 4300750200	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR OF 15-9D-12-15 PRICKLY PEAR UF 15A-9D-12-15	09	120S	150E 4300750201	14794 Federal	GW	OPS	PRICKLY PEAR
		120S	150E 4300750203	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 16A-9D-12-15	09			7030 Federal	GW		IMONDIFEAN
SHARPLES 1 GOVT PICKRELL	11	120S	150E 4300716045	1030 reucial	OW	. P	

STONE CABIN UNIT 1	13	120S	140E 4300716542	12052 Federal	GW	P	
STONE CABIN FED 1-11	11	120S	140E 4300730014	6046 Federal	GW	P	
STONE CABIN FED 2-B-27	27	120S	150E 4300730018	14794 Federal	GW	P	PRICKLY PEAR
JACK CANYON 101-A	33	120S	160E 4300730049	2455 Federal	GW	P	
PETERS POINT ST 2-2-13-16	02	130S	160E 4300730521	14387 State	GW	P	
PRICKLY PEAR ST 16-15	16	120S	150E 4300730522	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 36-2	36	120S	160E 4300730761	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-3	36	120S	160E 4300730762	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-4	36	120S	160E 4300730763	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-25D-12-16	36	120S	160E 4300730764	2470 Federal	GW	P	PETERS POINT
HUNT RANCH 3-4	03	120S	150E 4300730775	13158 State	GW	$\mathbf{P}_{\perp}$	
PETERS POINT U FED 4-31D-12-17	36	120S	160E 4300730810	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-26D-12-16	36	120S	160E 4300730812	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UNIT 13-4	13	120S	140E 4300730825	14353 Federal	GW	P	
PRICKLY PEAR UNIT 21-2	21	120S	150E 4300730828	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 6-7D-13-17	06	130S	170E 4300730859	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 4-2-13-16	02	130S	160E 4300730866	14386 State	GW	P	
PRICKLY PEAR U ST 13-16	16	120S	150E 4300730933	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 11-16	16	120S	150E 4300730944	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 7-16	16	120S	150E 4300730945	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-25	25	120S	150E 4300730954	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 16-35	35	120S	160E 4300730965	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-6-13-17	06	130S	170E 4300730982	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-6D-13-17	06	130S	170E 4300731004	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-31D-12-17	06	130S	170E 4300731005	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 5-13-12-14	13	120S	140E 4300731008	14897 Federal	GW	P	·
PETERS POINT U FED 12-31D-12-17	36	120S	160E 4300731009	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 2-36D-12-16	36	120S	160E 4300731010	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9-36-12-16	36	120S	160E 4300731011	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U ST 36-06	36	120S	150E 4300731018	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 8-35D-12-16	36	120S	160E 4300731024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4-12D-13-16	02	130S	160E 4300731049	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 5-2D-13-16 DEEP	02	130S	160E 4300731056	15909 State	GW	P	
PRICKLY PEAR U FED 13-23-12-15	23	120S	150E 4300731073	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-27D-12-15	23	120S	150E 4300731074	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-26D-12-15	23	120S	150E 4300731075	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-22D-12-15	23	120S	150E 4300731076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-28D-12-15	21	120S	150E 4300731121	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 2-12D-13-16	06	130S	170E 4300731158	14692 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-21-12-15	21	120S	150E 4300731164	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-28D-12-15	21	120S	150E 4300731165	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-21D-12-15	21	120S	150E 4300731166	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 10-36D-12-16	36	120S	160E 4300731174	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-36D-12-16	36	120S	160E 4300731175	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-17-12-15	17	120S	150E 4300731183	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11-17D-12-15	17	120S	150E 4300731184	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-22D-12-15	22	120S	150E 4300731186	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-22-12-15	22	120S	150E 4300731187	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-22D-12-15	22	120S	150E 4300731188	14794 Federal	GW	P	PRICKLY PEAR

PRICKLY PEAR 11-15D-12-15	22	120S	150E 4300731189	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-18D-12-15	18	120S	150E 4300731192	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-18-12-15	18	120S	150E 4300731193	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-27D-12-15	27	120S	150E 4300731194	15569 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12-27D-12-15	27	120S	150E 4300731195	15568 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-27-12-15	27	120S	150E 4300731196	15570 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-20D-12-15	20	120S	150E 4300731197	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-20-12-15	20	120S	150E 4300731198	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-20-12-15	20	120S	150E 4300731206	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 2-36-12-15	36	120S	150E 4300731226	15719 State	GW	P	
PRICKLY PEAR U ST 4-36-12-15	36	120S	150E 4300731227	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-27D-12-15	22	120S	150E 4300731237	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-22-12-15	22	120S	150E 4300731238	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-27D-12-15	22	120S	150E 4300731239	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 9-16-12-15	16	120S	150E 4300731240	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-28D-12-15	28	120S	150E 4300731241	16028 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-27D-12-15	28	120S	150E 4300731242	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-28-12-15	28	120S	150E 4300731243	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-28D-12-15	28	120S	150E 4300731244	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 1-16-12-15	16	120S	150E 4300731245	14794 State	GW	P	PRICKLY PEAR
PPU FED 11-18D-12-15	18	120S	150E 4300731257	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-20D-12-15	20	120S	150E 4300731258	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-25D-12-15	25	120S	150E 4300731259	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-25D-12-15	25	120S	150E 4300731260	16068 Federal	GW	P	PRICKLY PEAR
PPU FED 15-6D-13-17	06	130S	170E 4300731261	16103 Federal	GW	P	PETERS POINT
PP UF 3-36-12-16	36	120S	160E 4300731271	2470 Federal	GW	P	PETERS POINT
PP UF 6-36-12-16	36	120S	160E 4300731272	2470 Federal	GW	P	PETERS POINT
PPU FED 6-35D-12-16	35	120S	160E 4300731275	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-16	26	120S	160E 4300731277	2470 Federal	GW	P	PETERS POINT
PPU FED 8-34-12-16	34	120S	160E 4300731279	2470 Federal	GW	P	PETERS POINT
PP ST 8-2D-13-16 (DEEP)	02	130S	160E 4300731280	16069 State	GW	P	
PPU FED 6-34D-12-16	34	120S	160E 4300731281	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-15	35	120S	150E 4300731282	16224 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35-12-15	35	120S	150E 4300731283	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-26D-12-15	35	120S	150E 4300731284	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-17-12-15	17	120S	150E 4300731287	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-17D-12-15	17	120S	150E 4300731288	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-17D-12-15	17	120S	150E 4300731289	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-1D-13-16 ULTRA DEEP	06	130S	170E 4300731293	14692 Federal	GW	P	PETERS POINT
PPU FED 1-18D-12-15	18	120S	150E 4300731294	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-18D-12-15	18	120S	150E 4300731295	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-17D-12-15	18	120S	150E 4300731296	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-17D-12-15	17	120S	150E 4300731307	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-17D-12-15	17	120S	150E 4300731308	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-17D-12-15	17	120S	150E 4300731309	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-17D-12-15	17	120S	150E 4300731310	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-17D-12-15	17	120S	150E 4300731311	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-18D-12-15	17	120S	150E 4300731312	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-18D-12-15	18	120S	150E 4300731313	14794 Federal	GW	P	PRICKLY PEAR

PPU FED 3-18D-12-15	18	120S	150E 4300731314	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-18-12-15	18	120S	150E 4300731315	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-18D-12-15	18	120S	150E 4300731316	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-18D-12-15	18	120S	150E 4300731317	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-27-12-16	27	120S	160E 4300731318	2470 Federal	GW	P	PETERS POINT
PPU FED 10-27D-12-16	27	120S	160E 4300731319	2470 Federal	GW	P	PETERS POINT
PPU FED 2-34D-12-16	34	120S	160E 4300731320	2470 Federal	GW	P	PETERS POINT
PPU FED 16-17D-12-15	17	120S	150E 4300731321	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 15-16D-12-15	16	120S	150E 4300731322	14794 State	GW	P	PRICKLY PEAR
PPU ST 16-16D-12-15	16	120S	150E 4300731323	14794 State	GW	P	PRICKLY PEAR
PPU ST 14-16D-12-15	16	120S	150E 4300731324	14794 State	GW	P	PRICKLY PEAR
PPU FED 2-7D-13-17 DEEP	06	130S	170E 4300731326	14692 Federal	GW	P	PETERS POINT
PPU FED 3-21D-12-15	21	120S	150E 4300731328	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-21D-12-15	21	120S	150E 4300731329	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35D-12-16	35	120S	160E 4300731345	2470 Federal	GW	P	PETERS POINT
PPU FED 7-35D-12-16	35	120S	160E 4300731346	2470 Federal	GW	P	PETERS POINT
PPU FED 4-35D-12-16	35	120S	160E 4300731347	2470 Federal	GW	P	PETERS POINT
PPU FED 7-36D-12-16	36	120S	160E 4300731348	2470 Federal	GW	P	PETERS POINT
PPU FED 11-36D-12-16	36	120S	160E 4300731349	2470 Federal	GW	P	PETERS POINT
PPU FED 15-25D-12-16	36	120S	160E 4300731351	2470 Federal	GW	P	PETERS POINT
PPU FED 13-25D-12-16	36	120S	160E 4300731352	2470 Federal	GW	P	PETERS POINT
PPU FED 4-36D-12-16	36	120S	160E 4300731353	2470 Federal	GW	P	PETERS POINT
PPU FED 13-15D-12-15	22	120S	150E 4300731358	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-15D-12-15	22	120S	150E 4300731359	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-22D-12-15	22	120S	150E 4300731360	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-22D-12-15	22	120S	150E 4300731361	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-28D-12-15	28	120S	150E 4300731362	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16X-21D-12-15	28	120S	150E 4300731363	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5A-27D-12-15	28	120S	150E 4300731364	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-35D-12-16	35	120S	160E 4300731365	2470 Federal	GW	P	PETERS POINT
PPU FED 1A-28D-12-15	28	120S	150E 4300731368	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14A-18D-12-15	18	120S	150E 4300731393	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-18D-12-15	18	120S	150E 4300731394	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15A-18D-12-15	18	120S	150E 4300731395	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16A-18D-12-15	18	120S	150E 4300731396	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-22D-12-15	22	120S	150E 4300731398	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-22D-12-15	22	120S	150E 4300731399	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-22D-12-15	22	120S	150E 4300731400	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4A-27D-12-15	22	120S	150E 4300731401	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-26D-12-16	26	120S	160E 4300731403	2470 Federal	GW	P	PETERS POINT
PPU FED 15-26D-12-16	26	120S	160E 4300731404	2470 Federal	GW	P	PETERS POINT
PPU FED 3-35D-12-16	26	120S	160E 4300731405	2470 Federal	GW	P	PETERS POINT
PPU FED 10-26D-12-16	26	120S	160E 4300731406	2470 Federal	GW	P	PETERS POINT
PPU FED 11-26D-12-16	26	120S	160E 4300731407	2470 Federal	GW	P	PETERS POINT
PPU FED 12-26D-12-16	26	120S	160E 4300731408	2470 Federal	GW	P	PETERS POINT
PPU FED 11-27D-12-16	27	120S	160E 4300731409	2470 Federal	GW	P	PETERS POINT
PPU FED 15-27D-12-16	27	120S	160E 4300731410	2470 Federal	GW	P	PETERS POINT
PPU FED 9-27D-12-16	27	120S	160E 4300731411	2470 Federal	GW	P	PETERS POINT
PPU FED 11-21D-12-15	21	120S	150E 4300731412	14794 Federal	GW	P	PRICKLY PEAR

PPU FED 6-21D-12-15	21	120S	150E 4300731413	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-21D-12-15	21	120S	150E 4300731414	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-20D-12-15	20	120S	150E 4300731419	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1A-20D-12-15	20	120S	150E 4300731420	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-20D-12-15	20	120S	150E 4300731421	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 7A-16D-12-15	16	120S	150E 4300731422	14794 State	GW	P	PRICKLY PEAR
PPU ST 6-16D-12-15	16	120S	150E 4300731423	14794 State	GW	P	PRICKLY PEAR
PPU ST 10A-16D-12-15	16	120S	150E 4300731424	14794 State	GW	P	PRICKLY PEAR
PPU ST 3-16D-12-15	16	120S	150E 4300731425	14794 State	GW	P	PRICKLY PEAR
PPU FED 1-34D-12-16	34	120S	160E 4300731427	2470 Federal	GW	P	PETERS POINT
PPU FED 7-34D-12-16	34	120S	160E 4300731428	2470 Federal	GW	P	PETERS POINT
PPU FED 5-35D-12-16	34	120S	160E 4300731429	2470 Federal	GW	P	PETERS POINT
PPU FED 5-21D-12-15	21	120S	150E 4300731451	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 8-16D-12-15	16	120S	150E 4300731455	14794 State	GW	P	PRICKLY PEAR
PPU ST 12-16D-12-15	16	120S	150E 4300731456	14794 State	GW	P	PRICKLY PEAR
PPU ST 12A-16D-12-15	16	120S	150E 4300731457	14794 State	GW	P	PRICKLY PEAR
PPU ST 15A-16D-12-15	16	120S	150E 4300731458	14794 State	GW	P	PRICKLY PEAR
PPU ST 10-16D-12-15	16	120S	150E 4300731459	14794 State	GW	P	PRICKLY PEAR
PPU ST 11A-16D-12-15	16	120S	150E 4300731460	14794 State	GW	P	PRICKLY PEAR
PPU ST 13A-16D-12-15	16	120S	150E 4300731461	14794 State	GW	P	PRICKLY PEAR
PPU FED 3-34D-12-16	34	120S	160E 4300731466	2470 Federal	GW	P	PETERS POINT
PPU FED 5-34D-12-16	34	120S	160E 4300731467	2470 Federal	GW	P	PETERS POINT
PPU FED 4-34D-12-16	34	120S	160E 4300731468	2470 Federal	GW	P	PETERS POINT
PPU FED 10-7D-12-15	07	120S	150E 4300731470	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15-7D-12-15	07	120S	150E 4300731471	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-7D-12-15	07	120S	150E 4300731472	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-7D-12-15	07	120S	150E 4300731473	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-35D-12-16	35	120S	160E 4300731474	2470 Federal	GW	P	PETERS POINT
PPU FED 9-35D-12-16	35	120S	160E 4300731476	2470 Federal	GW	P	PETERS POINT
PPU ST 6A-16D-12-15	16	120S	150E 4300731477	14794 State	GW	P	PRICKLY PEAR
PPU ST 4-16D-12-15	16	120S	150E 4300731478	14794 State	GW	P	PRICKLY PEAR
PPU ST 4A-16D-12-15	16	120S	150E 4300731479	14794 State	GW	P	PRICKLY PEAR
PPU ST 5A-16D-12-15	16	120S	150E 4300731480	14794 State	GW	P	PRICKLY PEAR
PPU ST 3A-16D-12-15	16	120S	150E 4300731481	14794 State	GW	P	PRICKLY PEAR
PPU ST 16A-16D-12-15	16	120S	150E 4300731484	14794 State	GW	P	PRICKLY PEAR
PPU ST 9A-16D-12-15	16	120S	150E 4300731485	14794 State	GW	P	PRICKLY PEAR
PPU ST 16B-16D-12-15	16	120S	150E 4300731514	14794 State	GW	P	PRICKLY PEAR
PPU ST 14B-16D-12-15	16	120S	150E 4300731515	14794 State	GW	P	PRICKLY PEAR
PPU ST 13B-16D-12-15	16	120S	150E 4300731516	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 9-26D-12-16	25	120S	160E 4300750021	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-25D-12-16	25	120S	160E 4300750022	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-31D-12-17	31	120S	170E 4300750023	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-31D-12-17	31	120S	170E 4300750024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-31D-12-17	31	120S	170E 4300750025	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-31D-12-17	31	120S	170E 4300750026	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-31D-12-17	31	120S	170E 4300750027	2470 Federal	ĞW	P	PETERS POINT
PETERS POINT U FED 14A-31D-12-17	31	120S	170E 4300750028	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-25D-12-16	25	120S	160E 4300750029	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-6D-13-17	31	120S	170E 4300750033	2470 Federal	GW	P	PETERS POINT

PETERS POINT U FED 10-25D-12-16	25	120S	160E 4300750035	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-36D-12-16	36	120S	160E 4300750037	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-36D-12-16	36	120S	160E 4300750038	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-1D-13-16	36	120S	160E 4300750039	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-1D-13-16	36	120S	160E 4300750040	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 9-22D-12-15	22	120S	150E 4300750041	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-22D-12-15	22	120S	150E 4300750042	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-22D-12-15	22	120S	150E 4300750043	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-27D-12-15	22	120S	150E 4300750044	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-15D-12-15	15	120S	150E 4300750045	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-15D-12-15	15	120S	150E 4300750046	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-15D-12-15	15	120S	150E 4300750047	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-15D-12-15	15	120S	150E 4300750048	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-15D-12-15	15	120S	150E 4300750049	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-21D-12-15	21	120S	150E 4300750050	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-21D-12-15	21	120S	150E 4300750051	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2A-21D-12-15	21	120S	150E 4300750052	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-22D-12-15	21	120S	150E 4300750053	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-22D-12-15	21	120S	150E 4300750054	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-21D-12-15	21	120S	150E 4300750056	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-21D-12-15	21	120S	150E 4300750057	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8A-21D-12-15	21	120S	150E 4300750057	14794 Federal	GW	P	PRICKLY PEAR
	08	120S	150E 4300750059	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-8D-12-15	08	120S	150E 4300750060	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-8D-12-15	08	120S	150E 4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-17D-12-15	08	120S	150E 4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1A-17D-12-15		120S	160E 4300750062	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 3A-34D-12-16	27	120S	160E 4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4A-34D-12-16	27	120S	160E 4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-27D-12-16	27			2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-27D-12-16	27	120S	160E 4300750066 160E 4300750067	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-27D-12-16	27	120S		18204 Federal	GW	P	I LILKS I OHVI
PETERS POINT U FED 14-27D-12-16	27	120S	160E 4300750068				PETERS POINT
PETERS POINT U FED 14A-27D-12-16	27	120S	160E 4300750069	2470 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-22D-12-15	22	120S	150E 4300750076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-22D-12-15	22	120S	150E 4300750077	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-22D-12-15	22	120S	150E 4300750078	14794 Federal	GW	P	
PRICKLY PEAR U FED 3-17D-12-15	17	120S	150E 4300750079	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-17D-12-15	17	120S	150E 4300750080	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-17D-12-15	17	120S	150E 4300750081	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-17D-12-15	17	120S	150E 4300750082	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-17D-12-15	17	120S	150E 4300750083	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR Ú FED 6-17D-12-15	17	120S	150E 4300750084	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-17D-12-15	17	120S	150E 4300750085	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-17D-12-15	17	120S	150E 4300750086	14794 Federal	GW	Р	PRICKLY PEAR
PRICKLY PEAR U FED 12A-17D-12-15	17	120S	150E 4300750087	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-12D-12-14	12	120S	140E 4300750088	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-12D-12-14	12	120S	140E 4300750089	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-12D-12-14	12	120S	140E 4300750090	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-12D-12-14	12	120S	140E 4300750091	14794 Federal	GW	P	PRICKLY PEAR

PRICKLY PEAR U FED 3-20D-12-15	20	120S	150E 4300750098	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-20D-12-15	20	120S	150E 4300750099	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-20D-12-15	20	120S	150E 4300750100	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-20D-12-15	20	120S	150E 4300750101	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-20D-12-15	20	120S	150E 4300750102	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6-20D-12-15	20	120S	150E 4300750104	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-20D-12-15	20	120S	150E 4300750105	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-20D-12-15	20	120S	150E 4300750106	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-20D-12-15	20	120S	150E 4300750107	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 5-31D-12-17	36	120S	160E 4300750109	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 6-31D-12-17	36	120S	160E 4300750116	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9X-36D-12-16	36	120S	160E 4300750117	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 1-36D-12-16	36	120S	160E 4300750118	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-6D-13-17	06	130S	170E 4300750119	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-31D-12-17	06	130S	170E 4300750123	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 7A-18D-12-15	17	120S	150E 4300750136	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-18D-12-15	17	120S	150E 4300750137	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9A-18D-12-15	17	120S	150E 4300750138	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-20D-12-15	20	120S	150E 4300750139	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16A-8D-12-15	08	120S	150E 4300750140	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15A-8D-12-15	08	120S	150E 4300750141	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13A-9D-12-15	08	120S	150E 4300750142	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13-9D-12-15	08	120S	150E 4300750143	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-9D-12-15	08	120S	150E 4300750144	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 10-8D-12-15	08	120S	150E 4300750145	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-8D-12-15	08	120S	150E 4300750146	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 2A-17D-12-15	08	120S	150E 4300750147	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 12-5D-13-17	06	130S	170E 4300750151	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-5D-13-17	06	130S	170E 4300750152	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-30D-12-17	30	120S	170E 4300750153	18347 Federal	GW	P	PETERS POINT
PETERS POINT UF 14-30D-12-17	30	120S	170E 4300750154	18350 Federal	GW	P	PETERS POINT
PETERS POINT UF 12-30D-12-17	30	120S	170E 4300750155	18346 Federal	GW	P	PETERS POINT
PETERS POINT UF 11-30D-12-17	30	120S	170E 4300750156	18348 Federal	GW	P	PETERS POINT
PETERS POINT UF 3-31D-12-17	30	120S	170E 4300750157	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 2-31D-12-17	30	120S	170E 4300750158	18349 Federal	GW	P	PETERS POINT
PETERS POINT UF 16-25D-12-16	30	120S	170E 4300750159	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 9-25D-12-16	30	120S	170E 4300750160	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 1A-22D-12-15	22	120S	150E 4300750171	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 6A-22D-12-15	22	120S	150E 4300750173	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 7A-22D-12-15	22	120S	150E 4300750174	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-22D-12-15	22	120S	150E 4300750175	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 14B-15D-12-15	22	120S	150E 4300750176	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-9D-12-15	09	120S	150E 4300750195	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16-9D-12-15	09	120S	150E 4300750202	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8-14D-12-15	14	120S	150E 4300750216	18289 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15-14D-12-15	14	120S	150E 4300750221	18290 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 7X-36D-12-16	36	120S	160E 4300750231	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 8-36D-12-16	36	120S	160E 4300750232	2470 Federal	GW	P	PETERS POINT
PETERS POINT ST 6-2D-13-16	02	130S	160E 4300731017	14472 State	D	PA	
1 E 1 E 1 C 1 C 11 1 C 1 C 1 C 1 C 1 C 1	52	1505	2302 .200.2101	—			

PTS 33-36 STATE	36	110S	140E 4301330486	6190 State	GW	PA	ARGYLE
PRICKLY PEAR U FED 10-4	10	120S	140E 4300730823	14462 Federal	GW	S	
PRICKLY PEAR U FASSELIN 5-19-12-15	19	120S	150E 4300730860	14853 Fee	GW	S	
PRICKLY PEAR U ST 5-16	16	120S	150E 4300730943	14794 State	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 7-33D-12-15	33	120S	150E 4300730985	14771 Federal	GW	S	
PETERS POINT ST 8-2D-13-16	02	130S	160E 4300731016	14471 State	GW	S	
PPU FED 4-35D-12-15	35	120S	150E 4300731285	16223 Federal	GW	S	PRICKLY PEAR
PPU FED 5-36D-12-16	36	120S	160E 4300731350	2470 Federal	GW	S	PETERS POINT
PRICKLY PEAR U FED 5A-20D-12-15	20	120S	150E 4300750103	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 13A-17D-12-15	20.	120S	150E 4300750108	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR UF 2A-22D-12-15	22	120S	150E 4300750172	14794 Federal	GW	S	PRICKLY PEAR